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CITY AND COUNTY OF SAN FRANCISCO

RECOMMENDED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM

1975-76 through 1980-81 fiscal years

Submitted by the CAPITAL IMPROVEMENT ADVISORY COMMITTEE
pursuant to Administrative Code Section 3.09

June 15, 1975

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C I T Y A N D C O U N T Y O F S A N F R A N C I S C O

Office of Chief Administrative Officer

TO: Mayor Joseph L. Alioto
and the Board of Supervisors

FROM: Capital Improvement Advisory Committee

SUBJECT: REPORT ON CAPITAL IMPROVEMENT PROGRAM, PART II

Gentlemen:

Part II of the annual Capital Improvement Program report, pursuant to Ordinance 139-66, is herein submitted. This report contains the approved program for 1975-76 as of this date, a recommended bond schedule, and the Capital Improvement Program for the five-year period beginning in 1976-77. Part I of the annual report, containing the budget year recommendations, was submitted on March 15, 1975.

The Capital Improvement Program for the five-year period reflects the City Planning Commission's report of January 20, 1975 as adjusted to include those unfunded projects recommended initially for 1975-76. It is intended that these schedules will be used by the various departments and agencies as a guide in the preparation of their budget year request for 1976-77.

A fiscal summary of the five-year program appears on page C-1. It reflects a growing backlog of projects in especially the ad valorem-sales tax and gas tax portions of the program; but, more importantly, it is the result of underfunding in these two significant areas of the capital program.

With each passing year, operational requirements are making an ever-increasing demand on the limited ad valorem tax base. The current fiscal year is no exception. The Committee is aware of the City's fiscal problems, but it is also aware that the physical plant is continuing to slip into disrepair. For this reason, the Committee views with much alarm, the freeze which has been placed on all 1975-76 capital improvement appropriations from the ad valorem tax supported portion of the program. The projects which are the subject of these appropriations are critical for the physical plant and especially the San Francisco Medical Center. We urge their immediate release.

The Committee observed in its budget year report that the City was spending approximately $500,000 annually on rents or leases for City agencies which are Civic Center oriented. Undoubtedly, this figure has increased. Again, the Committee wishes to impress upon the Mayor and the Board the importance of proceeding immediately on a program which would lead to either the acquisition of an existing building in the Civic Center area or the construction of a new building to accommodate additional office space or court facilities in the Civic Center (San Francisco is the only major county in the State of California without a courthouse). Separately, the funds now being allocated to the rental or lease of space may seem small in comparison to the total budgetary requirements of an operating department; but collectively, they are significant. Together, they could begin to provide the necessary funds for a long-term solution of the City's space needs.

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The Committee has observed previously that the appearance and condition of the physical plant is a reflection of a city's pride in itself and its citizens. We must not fail to think deeply about the long-run economic impact on the city of a deteriorating physical plant. Some cities in this nation are loosing their attractiveness as centers for business and corporate activities. Fortunately, at present, San Francisco is not one of these cities. We are an attractive city, but we cannot become complacent. The effectiveness of our services to the citizens of this city is inextricably related to the condition of the physical plant. If one is permitted to deteriorate; so too will the other.

Respectfully submitted,

Thomas J. Mellon, Chief Administrative Officer and
Chairman, Capital Improvement Advisory Committee

John D. Crowley, General Manager, Public Utilities

John C. Farrell, Controller

Dean L. Macris, Director of Planning

John J. Spring, General Manager, Recreation and
Park Department

S. Myron Tatarian, Director of Public Works

John H. Tolan, Jr., Mayor's Deputy for Development

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ACHIEVING THE PROGRAM

F I N A N C I N G P L A N

The following is a summary of the sources of financing and amounts required to achieve the recommended capital improvement program contained in this report for fiscal years 1976-77 through 1980-81 (costs in thousands of dollars):

Ad Valorem and Sales Taxes	$ 55,815.9
Gas Taxes and Road Funds	24,374.2
Revenues	59,900.2
Other Sources	16,992.0
Proposed Bonds	386,240.0
TOTAL CAPITAL IMPROVEMENT PROGRAM	$ 543,322.3

PROPOSED BOND PROGRAM

The following table of proposed bonds as submitted by the various departments reflects the recommended bond schedule approved by the City Planning Commission in their report of January 20, 1975, and changes proposed thereto during the development of this report. The total amount of the bond program, by type, is as follows (costs in millions of dollars):

General obligation bonds $ 386.3

Date of Submission	Bond Proposal	Amount
	General Obligation Bonds	
1976-77	Zoological Gardens	$ 10.0
	Street Improvements	18.0
	District Police Stations	18.5
	Main Library	26.0
	Multi-purpose Improvements	6.0
1977-78	Emergency Operating Center	3.0
	Embarcadero Transit Station	5.0
	Multi-purpose Improvements	6.0
1978-79	Moccasin Transmission Line	7.5
	Fire Protection System	23.9
	Courts or Education Building	55.0
	Heating and Cooling Plant	15.2
	Recreation and Park	30.0
	Multi-purpose Improvements	6.0
1979-80	Coulterville Power Plant	$ 58.0
	San Joaquin Pipeline	45.1
	M. H. de Young, East Wing	7.0
	Multi-purpose Improvements	6.0
1980-81	District Mental Health Centers	18.8
	War Memorial Rehabilitation	15.3
	Multi-purpose Improvements	6.0

POSSIBLE FUTURE BOND PROPOSALS:

Water pollution control
County jail improvements
Public Utilities office building
Records Center and voting machines warehouse
Central shops improvements
Public Health, 101 Grove, remodel
Hetch Hetchy, new power generating facilities
Youth Guidance Center
Senior Citizen Center
Laguna Honda improvements
School improvements
Legion of Honor improvements

APPROVED CAPITAL IMPROVEMENT PROGRAM: 1975-76

RECONSTRUCTION AND REPLACEMENT AND CAPITAL IMPROVEMENT PROGRAM

Comparative Table

The following table shows departmental budget and supplemental budget requests, funding recommendations of the Committee and the Mayor, and appropriations by the Board of Supervisors. Departmental requests and appropriations for 1974-75 are included for purposes of comparison. All amounts in thousands of dollars.

Category	1974-75 Department Requested	1974-75 Appropriated	1975-76 Department Requested	1975-76 CIAC Recommended	1975-76 Mayor Recommended	1975-76 Appropriated
Ad valorem tax supported departments excluding Municipal Railway	$10,596.2	$ 2,779.4	$17,964.4	$12,695.0	$ 3,687.2	$ 4,069.8
Municipal Railway	1,213.3	374.7	1,330.2	395.3	83.3	83.3
Total ad valorem tax supported	11,809.5	3,154.1	19,294.6	13,090.3	3,770.5	4,153.1
Gas taxes and road funds	6,804.6	5,417.0	10,059.9	10,059.9	1,568.7	1,432.8
Recreation and Park (revenue)	201.0	201.0	199.0	199.0	89.0	89.0
Recreation and Park (other sources)	150.0	0	--	--	--	--
Airports Commission (revenue)	2,662.5	2,157.5	610.0	610.0	610.0	610.0
Water Department (revenue)	4,230.0	3,147.4	4,343.0	4,343.0	3,541.0	3,487.0
Hetch Hetchy System (revenue)	2,847.8	2,860.2	3,810.2	3,810.2	2,816.0	2,816.0
Municipal Railway (MTC)	3,735.2	3,735.2	3,897.0	3,897.0	3,897.0	3,897.0
Port Commission (revenue)	1,915.0	976.0	296.0	296.0	0	0
TOTALS	$34,355.6	$21,648.4	$42,509.7	$36,305.4	$16,292.2	$16,484.9

RECONSTRUCTION AND REPLACEMENT AND CAPITAL IMPROVEMENT PROGRAM

Departmental Schedules

P.I.N.	Project Description	Amount Appropriated
	Controller	
124.75.101	EDP Section, 240 Van Ness Avenue, electrical outlets	6.0
	Municipal Court	
155.75.101	City Hall, courtrooms, security measures	15.3
--	City Hall, Room 305, renovation	1.8
	Superior Court	
179.75.103	Security measures	35.2
	Juvenile Court	
186.67.104	Youth Guidance Center, cottage renovation	39.0
	Purchasing	
311.75.103	Various locations, vapor recovery facilities for gasoline dispensers	13.8
	Public Works - General Office	
423.75.107	Various locations, Fire and Police alarm system, underground districts	75.0
	Public Health	
500.73.112	Laguna Honda Hospital, safety devices for patients toilet rooms	142.2
500.75.105	General Hospital, security ward	680.5
500.75.106	General Hospital, psychiatric security ward	98.0
500.69.301	General Hospital, relocate toxicology laboratory	507.0
500.75.119	General Hospital, pneumatic conveyor system	40.0
500.70.117	General Hospital, relocate shops	50.0
500.75.107	General Hospital, Radiology, X-ray equipment	56.0
	Recreation and Park	
648.75.101	Marina Small Craft Harbor, east harbor waste pumpout station	98.0
656.71.101	Hunters Point Redevelopment Area, recreation and park facilities	300.0
656.75.101	Bay View Playground, enclosure for swimming pool	550.0
656.75.102	Crocker-Amazon Playground, develop northside play area	15.0

P.I.N.	Project Description	Amount Appropriated
--	Cayuga Park facilities	10.0
651.70.105	Various locations, rehabilitate children's areas	10.0
651.67.102	Various locations, resurface courts and and play areas	10.0
651.69.103	Various locations, rehabilitate lighting systems	14.0
651.67.120	Golden Gate Park, rehabilitate windmill	15.0
652.75.101	Zoo, animal hospital incinerator	39.0r
652.71.101	Zoo, various locations, rehabilitation	50.0r
659.67.104	Camp Mather, boy's dormitory, replacement (plans)	3.0
659.70.101	Camp Mather, rehabilitation	10.0
	Public Works - Gas Tax and Road Fund	
671.75.101	Various street and highway projects Select System, preliminary engineering and administrative activities	20.0e
671.75.102	Various county road projects, preliminary engineering and administrative activities	20.0s
671.75.103	Various locations, construct curbs and pavements in front of public property	85.0g
671.75.104	Webster St., Post to Bush, complete acquisition of right-of-way	30.0e
670.75.104	Point Lobos Avenue, reconstruct viaduct	244.8e
671.75.105	Various school crossings, install traffic signals	22.0g
671.75.106	Various intersections, modify and reconstruct traffic control devices	17.0g
671.75.107	Various intersections with safety problems, install traffic signals and channelization	80.0g
671.75.108	Transit preferential streets program, installation of signs, overhead land signals or exclusive rights-of-way	20.0g
671.75.109	Various locations, sidewalk ramps for the handicapped	100.0g
670.75.101	Various bridge structures, rehabilitate for earthquake safety	80.0e
671.75.110	Various intersections, install signals and channelization	26.0g
671.75.111	Various locations, eliminate roadside obstacles	20.0g
671.75.112	Various locations, standardize traffic signing	3.0g
671.75.113	Various locations, install pavement lane markers and crosswalk striping	60.0g
671.75.115	Upper Market St., provide bicycle lanes, widen sidewalks, and related work	296.5e

P.I.N.	Project Description	Amount Appropriated
671.75.117	Various locations, Select System, resurface street areas	30.0e
670.75.102	Powell St., Post to Sutter, reconstruction	9.5g
670.75.103	Powell St., Ellis to O'Farrell, reconstruction	9.5g
670.75.104	Powell St., O'Farrell to Geary, reconstruction	9.5g
671.75.119	Various locations near firehouses, install traffic signal pre-empt controls	22.0g
671.75.120	Various downtown intersections, install traffic signals	12.0g
671.75.123	Neighborhood Protected Residential Area Program	100.0g
671.75.125	Bicycle lane program	25.0g
671.75.126	San Jose Ave., west side, Geneva to Ocean, and Ocean Ave., south side, Interstate 280 to San Jose, widen sidewalks	22.5e
671.75.127	San Jose Ave., east slope near Richland, construct retaining wall for slope stabilization	66.0e
671.75.130	Various locations, construct underground wired street lighting facilities in street areas outside underground districts	2.5g

P.I.N.	Project Description	Amount Appropriated
	War Memorial	
691.74.101	Performing Arts Center	1,000.0
--	Opera House, rehabilitate stage flooring	55.0
--	Opera House, orchestra section, rehabilitate seats	130.0
--	Opera House, orchestra section, replace carpeting	40.0
692.75.101	Art Museum, replace and relocate sidewalk elevator	50.0
	Airports Commission	
727.70.102	Utility system, improvements	86.0r
727.71.101	Passenger, terminal service and administration facilities, improvements	64.0r
727.70.103	Landing field facilities, improvements	213.5r
727.69.104	Roads and parking, improvements	93.5r
727.74.102	Interim cargo facilities, improvements	43.0r
726.70.102	Landing field, apron and road, pavement reconstruction	70.0r
726.71.101	Utilities, replacements and relocation	30.0r
727.70.103	Landing field facilities, improvements (Special Aviation Fund)	10.0r

P.I.N.	Project Description	Amount Appropriated
	Municipal Railway	
736.69.102	Transit operating equipment, replacement (MTC Grant Funds)	3,897.0o
736.75.108	Washington-Mason Cable Car House, replace main drive motor bearing	33.6
736.75.109	Washington-Mason Cable Car House, safety modifications	49.7
	Water Department	
746.68.101	Various locations, renew water services	1,100.0r
746.68.102	Various locations, relocate and realign water mains	112.5r
746.68.103	Various locations, relocate and realign water services	82.5r
746.68.104	Various locations, replace water mains	400.0r
746.68.105	Various locations, reconstruct and restore fences	15.0r
746.68.106	Various locations, grade and resurface roads	35.0r
746.68.108	Various locations, water mains, cement mortar lining	275.0r
746.68.109	Various locations, reconstruct drain and air valves	12.0r
746.75.101	University Mount Reservoir, South Basin, rehabilitate to meet State requirements	100.0r
746.75.102	Rock River Lime Plant, rehabilitate and replace equipment	85.0r
746.75.103	Sunol Valley Water Filtration Plant, repair eroded surfaces and equipment	87.0r
747.68.101	Various locations, water main extensions	350.0r
747.68.102	Various locations, provide new service pipes and meters	275.0r
747.68.103	Various locations, install gate valves	30.0r
747.68.104	Various locations, pipeline electrolysis, install protective devices	60.0r
747.68.105	Various locations, survey property and set monuments	5.5r
747.68.106	Various locations, construct secondary feeder mains	280.0r
747.68.107	Various locations, watershed lands, erosion control	12.0r
747.68.108	Various locations, install drain and air valves	18.0r
747.68.109	Various locations, construct fences	12.5r
747.68.110	Various locations, motorize large valves	50.0r
747.75.101	Summit Pump Station, operational and safety improvement	25.0r
747.75.102	Lake Merced Pump Station, operational and safety improvement	65.0r

P.I.N.	Project Description	Amount Appropriated
	Hetch Hetchy System	
756.75.103	Kirkwood Powerhouse and Moccasin Machine Shop, replace roofs	14.0r
756.75.104	Oakdale Irrigation District, Claribel lateral, replace plank bridge	7.0r
756.75.105	Kirkwood Powerhouse, replace entrance door	1.5r
756.75.106	Station J, replace four motor control operating units	17.5r
756.71.107	Various locations, rehabilitate exterior of buildings	70.0r
756.71.402	Moccasin Village, resurface roads	5.0r
756.71.403	Moccasin Village, various cottages, replace plumbing and bathroom fixtures	22.0r
756.70.102	Moccasin-Newark transmission line, paint towers	60.0r
756.69.106	Municipal Railway Transit System, power improvement program, replace DC distribution system	2,000.0r
756.74.102	Paint, repair and replace Municipal Railway's trolley pole facilities	370.0r
756.75.101	Reconstruct Municipal Railway's trolley coach overhead facilities	225.0r
757.75.101	Red Mountain Bar, screen opening of surge shaft	22.0r
757.75.103	Moccasin Control Center, install aqueduct minic board	2.0r

CAPITAL IMPROVEMENT PROGRAM: 1976-77 THROUGH 1780-81

CAPITAL IMPROVEMENT PROGRAM: 1976-77 THROUGH 1980-81

Fiscal Summary

(Costs in thousands of dollars)

Sources of Financing	1976-77	1977-78	1978-79	1979-80	1980-81	Totals
Ad Valorem and Sales Taxes	$11,287.5	$11,465.0	$12,399.7	$10,948.0	$ 9,715.7	$55,815.9
Gas Taxes and Road Funds	8,803.6	5,848.9	3,306.7	2,524.0	3,891.0	24,374.2
Revenues	12,185.7	12,001.1	12,527.6	11,304.0	11,881.8	59,900.2
Proposed Bonds	78,470.0	14,000.0	137,540.0	116,100.0	40,130.0	386,240.0
Other Sources	7,023.0	4,482.0	1,975.0	912.0	2,600.0	16,992.0
Total Departmental Schedules	$117,769.8	$47,797.0	$167,749.0	$141,788.0	$68,218.5	$543,322.3

CAPITAL IMPROVEMENT PROGRAM: 1976-1977 THROUGH 1980-81

AD VALOREM TAX

Explanation of Symbols:

o - Other sources of funding
n - Proposed bond

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	ADULT PROBATION					
111.75.101	Work Furlough Center, misc. reconstruction and replacement	1.4				
	ART COMMISSION					
113.75.101	165 Grove St., misc. reconstruction and replacement	3.2				
	ASSESSOR					
115.73.101	City Hall, install partitioning, air conditioning, electric panelling and new ceiling	132.0				
115.75.101	City Hall, provide cabinets in office area	0.6				
	CITY ATTORNEY					
117.74.101	City Hall, Second Floor, office alterations	314.4				
	CITY PLANNING					
119.75.101	100 Larkin St., misc. reconstruction and replacement	3.3				
	CIVIL SERVICE					
121.67.103	City Hall, Room 52-B, convert basement storeroom to filing office	22.8				
121.75.101	Civil Service, misc. reconstruction and replacement	3.6				
121.75.102	450 McAllister St., partitioning	3.8				
	CONTROLLER					
124.72.102	City Hall, EDP Section, provide alternate source of electrical service	205.0				
124.75.102	City Hall, Assistant Controller's and Secretary's office, replace lighting	0.8				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	CONTROLLER (Continued)					
124.69.101	240 Van Ness Ave., EDP Section, office alterations		195.3			
	EMERGENCY SERVICES					
131.72.101	Emergency Operating Center, construction	45.0	3,000.0n			
	DISTRICT ATTORNEY					
141.71.101	Hall of Justice, third floor, office alterations	30.0				
	FIRE DEPARTMENT					
145.70.102	Various locations, install overhead apparatus doors with radio controls	92.0				
145.72.101	Various locations, install radio controls for overhead apparatus doors	54.0				
145.71.103	Various locations, install battery-operated emergency lighting facilities	23.5				
145.75.101	Various engine companies and facilities, misc. reconstruction and replacement	43.6				
145.75.104	Headquarters Bldg., Fire Prevention Section, new office partitions	6.7				
145.75.105	Various firehouses, misc. minor capital improvements	9.2				
145.73.202	Training Center, replace pipe to low pressure hydrant		28.7			
145.72.105	Various engine companies, install grease hoods and flues over ranges		21.5			
145.73.101	1249 Clayton, convert inactive firehouse to handball court and gymnasium		53.0			
145.72.102	Chief's Residence, 870 Bush St., remodel and modernize kitchens and bathrooms		11.3			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	FIRE DEPARTMENT (Continued)					
145.75.102	Various firehouses, install acoustical tile		6.8			
145.75.103	Various firehouses, improve lighting		19.0			
145.69.107	Engine Co. 31, 441-12th Ave., install miscellansous improvements		20.4			
145.67.123	Twin Peaks Reservoir, pave access road and parking area		9.5			
145.69.105	Engine Co. 35, 676 Howard St., renovate portion of basement to provide study room		11.3			
145.73.601	Auxiliary Water Supply System, improvements and extensions		23,900.0n			
	MAYOR					
151.74.101	Study of office space requirements	5.3				
	MUNICIPAL COURT					
155.67.102	City Hall, Third Floor, renovate courtrooms and chambers	125.0		150.0		
155.68.101	City Hall, clerk offices, install acoustical tile	12.0				
155.75.102	Municipal Court, misc. reconstruction and replacement	4.5				
	POLICE DEPARTMENT					
161.72.118	Hall of Justice, Room 434, Sex Crimes Detail, provide interrogation room	7.5				
161.71.101	Hall of Justice, Crime Lab., study to enlarge facility	2.0				
161.70.116	Hall of Justice, Crime Lab., alterations	34.3				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	POLICE DEPARTMENT (Continued)					
161.75.101	Various district stations, convenience facilities for women	130.0				
161.75.102	Hall of Justice, Room 455, Criminal Information Bureau, alterations to complete "911" project	30.0				
161.75.103	Hall of Justice, Internal Affairs Bureau, expansion	7.2				
161.75.104	Police facilities, improvements	18,470.0n				
161.73.101	Three district stations, replace and relocate gas pumps	8.0				
161.73.102	Various police facilities, noise control booth for IBM cable terminal	13.3				
161.73.106	Six district stations, replace toilets in cells	13.7				
161.71.109	Hall of Justice, Planning and Research, install partitions	12.5				
161.73.108	Hall of Justice, Traffic Bureau, additional alterations	13.7				
161.75.105	Various locations, misc. reconstruction and replacement	14.5				
161.75.106	Hall of Justice, various locations, electrical improvements	4.8				
161.70.128	Planning services, Bureau of Architecture	11.0				
161.71.107	Hall of Justice, various locations, partitions and acoustical tile		12.5			
161.73.107	Hall of Justice, Juvenile Bureau, partitions and auxiliary lighting circuit		9.6			
161.68.104	Hall of Justice, Traffic Bureau, remodel western section		13.2			
161.71.201	Hall of Justice, Operations Center, 5th Floor, soundproofing and security alterations		25.5			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	POLICE DEPARTMENT (Continued)					
161.71.110	Police Range, overhead safety baffles		43.6			
161.72.117	Hall of Justice, Photo Lab., additions and alterations		17.2			
161.70.117	Hall of Justice, Traffic Bureau, alterations		18.3			
161.71.207	Hall of Justice, Criminal Information Bureau, alterations for improved efficiency and security		63.4			
161.73.105	Richmond Station, renovate men's toilet room		10.2			
161.74.105	Various police facilities, new lighting fixtures		44.8			
161.71.113	Hall of Justice, Traffic Bureau, acoustical treatment		15.2			
161.74.101	Southern Station, Room 101, alterations	61.1				
161.74.103	Richmond Station, space study	3.6				
161.74.106	Southeast Station, additional alterations				88.0	
161.71.112	Hall of Justice, Communications Center, modify air conditioning system				32.7	
161.70.111	Hall of Justice, City Prison, alterations to women's section				12.2	
161.74.104	Richmond Station, remodeling				49.5	
161.71.105	Block 3759, Lot 40, adjacent to Hall of Justice, additional parking for Police Department					13.6
161.70.109	Hall of Justice, City Prison, reconstruct intercom system					26.5
161.70.121	Hall of Justice, City Prison, TV surveillance system					145.6

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	POLICE DEPARTMENT (Continued)					
161.69.103	Ingleside Station, remodel various offices including acoustical treatment				65.5	
161.68.106	Taraval Station, additional parking spaces				17.4	
161.70.112	Hall of Justice, City Prison, preliminary studies for alterations to elevator				2.4	
161.71.203	Police Range, install automatic sprinkler system				23.8	
161.71.205	Central Station, cabinets and shelving				6.9	
161.71.206	Taraval Station, new restroom and interrogation room				7.4	
161.73.201	Hall of Justice, City Prison, security and provide health measures				8.8	
161.73.202	Central Station, air conditioning				40.9	
161.73.203	Police Range, heating system				23.0	
161.70.110	Hall of Justice, City Prison, men's section, miscellaneous alterations				23.9	
161.70.113	Hall of Justice, City Prison, resurface floor					233.6
161.70.106	Hall of Justice, Homicide Bureau, interrogation room					16.0
161.71.302	Taraval Station, training and utility rooms in basement					62.0
161.71.303	Hall of Justice, City Prison, construct recreation area on roof					17.0
161.68.105	Hall of Justice, Central Warrant Bureau, provide three rooms by partitioning					13.4
161.71.401	Taraval Station, intercommunications system					7.2

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	DEPARTMENT OF SOCIAL SERVICES					
169.70.101	1680 Mission St., alterations to heating and ventilating system	16.3				
169.73.104	150 Otis St., lighting fixtures for stair towers	8.7				
169.73.103	150 Otis St., new women's toilet facilities	15.6				
169.74.102	150 Otis St., additional office space for supervisors	6.8				
	SHERIFF					
173.74.101	Jail No. 2, rehabilitation program	312.0	67.0			
173.74.102	Jails Nos. 1 and 3, remodel isolation cells	15.5				
173.71.105	Jail No. 2, construct shower and storage building in farm area	11.0				
173.75.103	Jail No. 2, provide new loading dock and storage area	13.0				
173.75.101	Jail No. 2, alterations to visiting area	74.5				
173.75.102	Various county jails, misc. reconstruction and replacement	52.6				
173.74.202	Jail No. 2, administrative area, security measures		29.7			
173.67.116	Sheriff's Office, City Hall, remodel Civil Division office area		17.5			
173.71.202	Jail No. 2, construct paint storage building		9.1			
173.72.101	Jail No. 2, Tiers 1-8, improve lighting		22.1			
173.68.105	Jail No. 4, reconstruct intercom system		18.7			
173.70.503	Jail No. 2, replace two elevators		134.3			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	SHERIFF (Continued)					
173.70.508	Jail No. 1, alterations to interview rooms		11.4			
173.71.206	Jail No. 2, replace floor coating		73.3	78.1	49.4	
173.71.205	Jail No. 2, attorneys' room and chaplain's office, alterations for soundproofing and privacy			15.1		
173.74.201	Jail No. 2, rotunda area, provide new offices on second floor and dining-classroom area on third-sixth floors			198.0		
173.68.108	Jail No. 1, reconstruct and extend intercom and PA systems			23.0		
173.72.102	Jail No. 2, provide access road to exercise yard			29.5		
173.67.120	Jail No. 2, men's building, install 66 stainless steel tables for dining and passive recreation	205.4				
173.67.112	Jail No. 2, construct new building for feed storage		105.2			
173.71.204	Jail No. 2, construct building for vehicle storage		98.3			
173.70.505	Jails Nos. 2 and 4, install roadway lighting within jail grounds		15.0			
173.71.207	Jail No. 2, construct road to Jail No. 4		92.2			
173.67.109	Jail No. 2, construct concrete retaining wall along west side of men's recreation area		90.7			
173.67.115	Jails Nos. 2 and 4, reconstruct paving on roads and visitors' parking area					51.8
173.67.113	Jail No. 2, convert stable to farm produce storage facility					99.8

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	SUPERIOR COURT					
179.67.101	City Hall, Fourth Floor, install air conditioning in various courtrooms and adjacent judges' chambers	179.5				
179.75.101	City Hall, Fourth Floor, various courtrooms, renovate and remodel (former 179.69.101 and 179.69.102)	52.0	118.0			
179.75.102	Hall of Justice, Third Floor, jury room (state and federal grant)	93.6 (38.1) (55.5o)				
179.75.104	Superior Court, misc. reconstruction and replacement	2.0				
	BOARD OF SUPERVISORS					
181.72.101	City Hall, second floor, create additional office space	300.0	200.0			
	TREASURER					
183.75.101	Room 110, improve lighting in office area	1.2				
	JUVENILE COURT					
186.67.104	Youth Guidance Center, alter five cottages	63.7	67.3			
186.75.105	Youth Guidance Center, cottages and gymnasium, provide security screens	6.6				
186.74.102	Log Cabin Ranch, install emergency electrical system	29.9				
186.74.101	Hidden Valley Ranch, install emergency electrical system	14.4				
186.75.103	Youth Guidance Center, misc. reconstruction and replacement	24.4				
186.75.107	Log Cabin Ranch, misc. minor capital improvements	9.0				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	JUVENILE COURT (Continued)					
186.75.101	Log Cabin Ranch, resurface play yard	11.8				
186.75.102	Log Cabin Ranch, install outdoor playground lights	39.5				
186.75.104	Hidden Valley Ranch, misc. reconstruction and replacement		3.4			
186.75.106	Youth Guidance Center, misc. minor capital improvements		7.6			
186.73.102	Youth Guidance Center, remodel existing storeroom facilities below service building		92.0			
186.71.201	Youth Guidance Center, modernize lighting in administration building		24.4			
186.72.101	Youth Guidance Center, Arts and Crafts Room, remodel for teachers curriculum laboratory	10.5				
186.74.104	Log Cabin Ranch, expand existing laundry room	17.6				
186.74.201	Log Cabin Ranch, addition to recreation	70.6				
186.74.202	Log Cabin Ranch, improve sewage treatment facilities	75.0				
186.74.205	Hidden Valley Ranch, relocate sewer line	13.2				
186.68.101	Youth Guidance Center, construct garage for ten City-owned vehicles	59.0				
186.71.301	Youth Guidance Center, construct warehouse and realign roadway		206.1			
186.74.401	Youth Guidance Center, install landscaping and irrigation system		19.5			
186.74.403	Log Cabin and Hidden Valley Ranches, resurface roadways		13.0			
186.74.404	Log Cabin and Hidden Valley Ranches modernize water and chlorination facilities					130.0

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	JUVENILE COURT (Continued)					
186.74.405	Log Cabin Ranch, install new walk-in refrigerator					8.6
186.74.406	Log Cabin and Hidden Valley Ranches, install landscaping and irrigation					13.0
	ACADEMY OF SCIENCES					
213.69.101	Steinhart Aquarium, install emergency generator	40.0				
213.70.101	North American Hall, conduct preliminary feasibility study for use of partially excavated basement area	10.0				
213.67.104	Steinhart Aquarium, provide reptile quarantine area			49.9		
213.67.302	Earth History Building, new construction			1,375.0o		
213.67.116	Hall of Science, second floor, provide additional laboratory and office space				312.0o	
213.75.601	Steinhart Aquarium, complete facility					2,000.0o
	CHIEF ADMINISTRATIVE OFFICER					
221.70.101	Establish revolving fund to be administered by CIAC for various studies and minor capital improvements	100.0	100.0	100.0	100.0	100.0
221.75.101	Employee Relations, City Hall, Room 154A, acoustical ceiling, mechanical ventilation and revise lighting	5.0				
	CORONER					
223.75.101	Hall of Justice, deep freeze box, alterations	4.3				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	FINANCE AND RECORDS					
227.70.101	Study for new records center (site undetermined)	19.2				
	DEPARTMENT OF ELECTRICITY					
233.70.103	Central Fire Alarm Station, 1003 Turk St., construct garage for fire communications van	13.8				
233.75.101	Central Fire Alarm, relocate cyclone fence	1.0				
233.75.102	Central Fire Alarm, motorize driveway gate	4.8				
233.67.102	Central Radio Station, underground electrical and communications wiring		85.9			
	COUNTY AGRICULTURE					
241.75.101	Farmers Market, install security floodlighting on roof of market buildings	7.1				
241.75.102	Farmers Market, provide traffic control barriers	2.0				
	REAL ESTATE					
245.73.102	Civic Auditorium, main floor, terrazzo flooring repair	58.0				
245.75.102	Civic Auditorium-Brooks Hall, misc. reconstruction and replacement	19.6				
245.75.103	Civic Auditorium, stage lighting feeder cables, extension	4.9				
245.67.107	Brooks Hall-Civic Center Plaza, study to remedy operational faults			11.3		
245.67.108	Civic Auditorium, partition west end of north corridor on main floor			11.0		
245.75.101	250-4th St., property acquisition for VD Medical Clinic			350.0		

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	REAL ESTATE (Continued)					
245.67.102	Civic Auditorium, provide apparatus for automatic changing of curtains in main arena		45.3			
245.67.110	Civic Auditorium, resurface balcony floors		69.3			
245.69.101	Civic Center area, study for underground cafeteria between Civic Auditorium and Brooks Hall		6.4			
245.69.102	Van Ness Avenue and Grove St., southeast corner, property acquisition for general City office use			462.0		
245.73.101	429 Jessie St., property acquisition for records storage				130.0	
	REGISTRAR OF VOTERS - RECORDER					
255.75.101	City Hall, Room 155, office improvements	39.0				
255.75.102	City Hall (Registrar of Voters), misc. reconstruction and replacement	6.0				
	TAX COLLECTOR					
261.71.101	City Hall, Room 106, alterations (Phase III)	28.5				
	PURCHASING					
311.67.101	Central Shops, pave, fence and install lighting for vehicular storage area	72.0				
311.67.102	Central Shops, improve ventilation in automotive shops	93.8				
311.67.104	Central Shops, construct mezzanine office in machine shop				11.9	
311.75.101	Central Shops, Bldg. B, toilet facilities				4.9	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
311.75.102	Central Shops, gasoline storage tanks		54.0			
311.67.112	Central Shops, enclose service station work area		10.7			
311.67.103	Central Shops, construct shed for storage of ladders and lumber		34.1			
311.67.107	Central Shops, enlarge shop entrance to accommodate large equipment		20.8			
311.67.111	Central Shops, install low pressure fire hydrant and water line			27.1		
311.75.201	Purchaser's Warehouse, feasibility study for new central warehouse			24.5		
311.67.116	Central Shops, fire hose test facility			36.0		
311.67.106	Central Shops, covered automobile storage area			82.6		
	PUBLIC WORKS - GENERAL OFFICE					
423.70.101	Various locations, miscellaneous reconstruction and replacement (recurring budget item)	50.0	200.0	200.0	200.0	200.0
423.70.102	Various locations, miscellaneous minor capital improvements (recurring budget item)	25.0	150.0	150.0	150.0	150.0
423.74.103	Various locations, boiler fuel storage tanks	20.5				
423.75.108	City Hall, masonry restoration of dome; skylight reconstruction	442.0				
423.71.103	Civic Center, reconstruct steam supply loop	113.2	124.5	145.7		
423.73.102	City Hall, enlarge electric service	202.8				
423.71.102	Various locations, streetside landscaping (Res. No. 515-68)	300.0	300.0	300.0	300.0	300.0
423.73.108	Neighborhood Protected Residential Area Program, various locations	200.0				
423.75.101	Various public buildings, handicapped access	60.0	115.0	215.0	325.0	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC WORKS - GENERAL OFFICE (Continued)					
423.75.102	Various sewer outfalls, structural repairs	50.0	30.0	30.0	30.0	30.0
423.75.106	Hall of Justice, modify sanitary waste plumbing system	154.6				
423.74.102	Street improvement and reconstruction	18,000.0n				
423.70.105	Multi-purpose bond, general improvements to facilities (annual program)	6,000.0n	6,000.0n	6,000.0n	6,000.0n	6,000.0n
423.75.107	Various locations, fire and police alarm systems in underground districts	165.0	165.0	165.0	165.0	165.0
423.74.101	Embarcadero Transit Station (Market St.,), complete construction		5,000.0n			
423.73.105	Hall of Justice, study of heating, ventilating and air conditioning system	9.6				
423.70.108	460 McAllister St., Division of Traffic Engineering, modify air conditioning system	23.5				
423.67.105	450 McAllister St., City Hall Annex, heating and ventilating system	37.4				
423.75.105	Hall of Justice, boiler safety control annunciator panels	18.8				
423.75.103	Hall of Justice, main electrical distribution system, ground fault protection and install electronic trips for circuit breakers	38.6				
423.75.104	Hall of Justice, electrical system, by-pass switches for transfer switches	58.0				
423.75.109	Mission Street (at 16th and 24th Streets), restoration of wire trellises, benches and crosswalks	22.0				
423.70.106	City Hall, remodel and improve testing laboratory					35.0 (23.3) (11.7g)

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC WORKS - GENERAL OFFICE (Continued)					
423.71.101	Hall of Justice, prepare preliminary drawings and cost estimates for enlargement of building			31.6		
423.73.106	City Hall, Room 61, ventilation system			8.9		
423.68.106	Utilities undergrounding (study)			12.7		
423.67.108	City Hall, Bureau of Engineering, ventilation system			12.7		
423.67.106	Maintenance Yard, 2323 Army St., construct second floor addition to Administration Building			369.0 (240.8) (128.2g)		
423.70.105	Civic Center, construct combined Courts - Board of Education building, with an underground parking garage, on the site of the former Commerce High School playing field and remodel City Hall to provide additional office space for City departments				55,000.0n	
423.70.107	Civic Center, construct new central heating and cooling plant				15,190.0n	
	PUBLIC HEALTH					
	Laguna Honda					
500.73.112	Install safety devices in ward bathrooms	104.6				
500.71.112	Modernize boiler burners and controls	113.6				
500.75.124	Bldg. M and O, storage areas, fire sprinklers	10.0				
500.75.130	Main Building, safety walkways in water heater room	2.5				
500.75.101	Provide and install Diesel emergency electrical generator	672.0				
500.75.102	Morgue, replace refrigeration system	8.0				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	Laguna Honda (Continued)					
500.75.103	Laundry Building, fire sprinkler system	86.7				
500.73.107	Emergency lighting and communications circuit		128.4			
500.70.105	Conduct studies and prepare preliminary plans for modernization and rehabilitation of existing facilities		107.9			
500.75.104	Surgery, install tile walls and floor		13.0			
500.67.134	Various wards, remodel treatment rooms and nurses' stations		123.2			
500.71.115	Construct new laundry		430.7			
500.73.109	Clarendon Hall, remodel alcoholism treatment unit	47.1				
500.68.114	Reconstruct meat refrigerator box	20.2				
500.67.115	Install utility closets in ward kitchens			29.9		
500.70.119	Various areas, modernize bathtubs			96.7		
500.67.135	Various wards, alterations to kitchens			48.8		
500.69.203	Various locations, modernize lighting			75.6		
500.71.113	7th floor, convert solarium into Medical Director's office			33.7		
500.70.121	Replace and enlarge portions of PAX intercom system			19.6		
500.71.114	Recondition two elevators in tower and add two new elevators for ward areas A and B			605.8		
500.69.401	Construct additional parking area				1,180.2	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	Laguna Honda (Continued)					
500.70.118	Various areas, replace lavatory sinks				84.3	
500.68.109	Install therapy pool water filter				17.8	
500.67.129	Reconstruct paging system				119.2	
500.71.202	Conduct study and prepare preliminary plans for locker room facilities				4.3	
500.71.215	Expand telephone system				17.8	
500.67.154	Laundry Building and Pharmacy, burglar alarm system				14.3	
500.67.122	Pharmacy, air conditioning				36.4	
500.67.125	Bldg. B, remodel wards					1,044.4
500.71.203	Various locations, remodel for physicans' offices					51.7
500.69.201	Replace resilient flooring in main corridors					186.2
500.71.207	Bldgs. L and O, partitions in fourth floor wards					58.9
500.71.208	Pave site of demolished Bldg. 3 for additional parking					91.5
500.71.209	Various wards, new ceiling, lighting and cubicle curtain tracks					1,474.5
500.67.120	Various areas, reconstruct ventilation system					37.8
500.71.214	Construct reinforced concrete walkway and stairs along "Burma Road"					14.2
500.70.120	Various locations, lavatory basins					286.5

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	San Francisco General					
500.75.125	Misc. reconstruction and replacement	11.4				
500.75.131	Service Bldg., emergency lighting	3.5				
500.75.120	Service Bldg., standby Diesel emergency power generator	75.0				
500.75.108	Radiology, piping and outlets for medical gases	18.0				
500.75.109	Dish Washing Rooms 2128 and 2135 purchase and install scrapping tables	26.0				
500.75.110	Dish Washing Room 2128, purchase and install tray conveyor	34.0				
500.75.111	Recovery Room, medical monitoring equipment	20.0				
500.75.113	Emergency Power System, time delay switches	6.0				
500.75.112	Construct two temporary ramps	10.0				
500.75.133	Psychiatric units, modification	160.0				
500.75.134	Outpatient Department, complete shelled area for clinic	600.0				
500.75.138	Various locations, complete shelled areas for storage space	15.0				
500.75.141	Modify parking area		7.0			
500.75.140	Various locations, additional office facilities in older buildings		35.0			
500.75.114	New laundry bleach tanks		3.2			
500.75.116	Anesthesia Department, Room 3561, office space		6.5			
500.75.117	Room 3591, provide additional anesthesiology space in surgery area		34.9			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	San Francisco General (Continued)					
500.75.118	Additional telephone outlets		6.3			
500.75.121	Provide domestic cold water, hot water and hot water return valves		10.3			
500.75.122	Ward 45, personnel office area		55.0			
500.75.123	Ward 44, classroom and office area		55.0			
500.69.302	Plans and studies for future use of buildings		79.5			
500.67.139	Bldg. 200, replace elevator		176.4			
500.68.115	Additional parking	64.2				
500.67.141	Main parking area, lighting	107.7				
500.69.303	Construct security fencing and gates	30.8				
500.75.201	Telephone Equipment Room, partitioning			12.0		
500.75.202	Study for location of permanent helistop			2.5		
500.75.203	Blood specimen carrier system			179.0		
500.75.204	Elevator No. 3, complete installation			169.6		
500.75.205	Elevator No. 4, complete installation			169.6		
500.75.206	Elevator No. 14, complete installation			152.6		
500.75.207	Area C, ground floor storage area			39.3		

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	San Francisco General (Continued)					
500.75.208	Area 2D, provide area for clinic laboratory or Out Patient Department			539.0	346.0	
500.75.301	Ward 13, staff offices				30.0	
500.75.302	Ward 41 Solarium, lighting				1.5	
500.75.303	Bldg. 20, storage shelving in basement for volunteers				30.0	
500.75.304	Bldg. 30, library shelving				30.0	
500.75.305	Bldg. 20, Ward 23, Dept. of Social Services, staff offices				50.0	
500.75.306	Microbiology laboratory, relocate				984.0	
500.67.128	Acquisition of land				200.0	200.0
500.69.114	Bldg. 3, reconstruct ventilating system in autopsy room					91.8
500.67.167	Study for new auditorium and library					10.0
500.75.601	Room 2155, coffee shop					69.7
500.75.602	Rooms 2150 and 4520 A, B and C, assembly room and conference room					66.2
500.75.603	Room 7575, delivery room					19.2
	Emergency Aid Stations, District Health Centers and Other Facilities					
500.67.113	Central Emergency and District Health Center No. 4, install standby power facilities for emergency medical services and elevator	51.0				
500.67.111	101 Grove St., modernize two elevators	128.8	136.5			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	Emergency Aid Stations, District Health Centers and Other Facilities (Continued)					
500.69.101	101 Grove St., prepare study and preliminary plans for auditorium egress	7.8				
500.75.115	101 Grove St., Microbiology Laboratory, Rooms 414 and 422, improvements to accommodate viral diagnostic services	16.0				
500.75.126	Various health centers, misc. reconstruction and replacement	13.3				
500.75.127	101 Grove St., misc. reconstruction and replacement	20.6				
500.75.128	Various emergency aid stations, misc. reconstruction and replacement	3.5				
500.75.129	Park Emergency, remodel admitting area		1.4			
500.75.132	Health Center No. 1, shelving and emergency lighting		2.7			
500.67.151	Bayview-Hunters Point, ambulatory health care facility, new construction (Armstrong Ave. and Keith St.)		300.0			
500.73.105	Central Emergency, alterations to provide emergency dental clinic		50.0			
500.73.113	Central Emergency, office alterations		10.8			
500.73.111	Bayview-Hunters Point, district mental health facility, new construction (site undetermined)		120.0	1,981.0		
500.70.114	101 Grove St., conduct study for modernization and addition and relocation of Central Emergency				22.9	
500.68.111	101 Grove St., alter Ivy St. exit doors				26.3	
500.71.201	District Health Center No. 1, 3850 17th St., remodel clinic area				30.0	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PUBLIC HEALTH (Continued)					
	Emergency Aid Stations, District Health Centers and Other Facilities (Continued)					
500.70.109	Various health facilities, conduct studies and prepare cost estimates for miscellaneous remodeling projects			12.8		
500.71.110	101 Grove St., replace Ivy St. garage door			7.2		
500.67.112	Central Emergency, radio dispatch and communications center				58.0	
500.67.137	Park Emergency, relocate and construct new facility (site undetermined)				915.0	
500.68.101	Various district health centers, burglar alarm system				23.5	
500.69.108	District Mental Health Centers (3) and subcenters, new construction (sites undetermined)				70.0	18,830.0n
	FINE ARTS MUSEUMS					
621.74.101	M. H. de Young, various galleries, reconstruct skylights and ventilation system	90.0				
621.74.107	M. H. de Young, various galleries, ultraviolet radiation protection	7.2				
621.74.109	M. H. de Young, Kress basement, install CO^2 fire extinguisher system	44.2				
621.71.101	M. H. de Young, various areas, fire sprinklers	43.1				
621.74.106	Legion of Honor, various galleries, ultraviolet radiation protection	7.2				
621.73.107	M. H. de Young, Hearst Court, four fan filter racks		9.8			
621.74.103	Legion of Honor, various galleries, relighting		30.0			
621.73.110	M. H. de Young, Hearst Court, bronze rails		7.7			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	FINE ARTS MUSEUMS (Continued)					
621.72.201	M. H. de Young, Kress basement, atmospheric control system		37.3			
621.74.104	M. H. de Young, provide for protection of art objects from seismic distrubances		7.2			
621.74.108	M. H. de Young, east wing offices, fire escape		11.0			
621.71.105	M. H. de Young, connect roof and basin drains to sewer		6.6			
621.74.202	Legion of Honor, rehabilitate heating and ventilating equipment		86.0			
621.74.201	M. H. de Young, strengthen tower against seismic shock			230.0		
621.73.109	M. H. de Young, emergency power supply system	18.5				
621.73.111	M. H. de Young, extend plumbing in classroom area	3.0				
621.72.203	M. H. de Young, extend and improve exhaust fan and ventilation system	73.8				
621.74.203	M. H. de Young, lighting for conservator's shop	2.8				
621.74.301	M. H. de Young, conservator's shop, new sink	2.8				
621.72.202	M. H. de Young, school and office area, toilet facilities	11.8				
621.67.301	M. H. de Young, renovate tower for conservation laboratory				120.0	
621.69.101	M. H. de Young, East Wing, reconstruction				7,000.0n	
621.74.302	Legion of Honor, various galleries, rehabilitate				108.0	
621.74.303	Legion of Honor, improve ventilation system in coffee shop and terrace corridor				12.2	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	FINE ARTS MUSEUMS (Continued)					
621.73.103	M. H. de Young, relocate men's toilet				12.9	
621.74.304	Legion of Honor, remodel receptionist area				12.0	
621.73.112	M. H. de Young, construct orientation-information center				15.4	
621.73.104	M. H. de Young, Hearst Court, dimmer light control system				4.6	
621.74.305	M. H. de Young, Hearst Court, four wall cases				4.8	
621.74.306	Legion of Honor, rehabilitate Little Theater				60.0	
621.74.401	Legion of Honor, widen perimeter road and provide new parking area					80.1
621.74.402	Legion of Honor, prepare study and plans for Court of Honor underground exhibit and storage area					30.3
621.73.113	M. H. de Young, relocate darkroom					7.8
621.72.302	M. H. de Young, renovate shop space for art school offices					69.7
621.75.401	M. H. de Young, paint exterior of building					10.0
	ASIAN ART MUSEUM					
622.71.103	Screen display platforms, footlighting	15.4				
622.73.102	Passenger elevator, rehabilitate	42.0				
622.74.101	Freight elevator, new construction	218.0				
622.74.102	Establish development program, study and plans			12.0		
622.73.103	Jade Room, catwalk			14.1		

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	ASIAN ART MUSEUM (Continued)					
622.73.104	Mirror Room Gallery, catwalk		3.9			
622.71.106	Emergency air conditioned storeroom, new construction		87.1			
622.71.102	Kitchen area, alterations for display case		13.9			
622.74.601	Roof area, security lighting		3.6			
622.74.602	Main power supply, install ampmeter		1.2			
622.74.603	Main power supply, install voltmeter		1.2			
	LIBRARY					
631.67.201	Main library, new construction	26,000.0n				
631.75.101	Main library, provide storage facility in basement	87.7				
631.73.104	Chinatown Branch, renovation ($31.5 previously appropriated)	88.5				
631.73.102	45 Hyde St., ground floor, install ventilation system	18.4				
631.75.108	Various locations, miscellaneous reconstruction and replacement	39.4				
631.75.109	Various locations, miscellaneous minor capital improvements	15.3				
631.75.105	Main library, 2nd and 3rd floors, replace flooring in offices and corridors		7.8			
631.75.106	Main library, replace passenger elevator		101.5			
631.75.107	Main library, children's room, replace light fixtures		3.2			
631.75.110	Various branch libraries, remodel book check-out facilities		29.8			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	LIBRARY (Continued)					
631.75.102	Main library, relocate Branch Department		23.6			
631.75.103	Main library, relocate Periodicals Technical Operations and EDP		51.3			
631.75.104	Main library, relocate Stockroom and Discard Room		18.4			
631.68.101	Main library, Periodical Dept., install air conditioning system			40.0		
631.68.102	Main library, replace existing glass floors in stack areas			70.0		
	RECREATION AND PARK					
	Marina Small Craft Harbor					
648.73.101	Reconstruct berthing facilities (State loan)	150.0o	150.0o			
648.71.101	Rehabilitation and improvements	185.0o	110.0			
648.73.401	Harbor shoreline walls (bay side), reconstruct or replace		100.0	100.0	100.0	100.0
	General Division					
651.71.102	Various locations, rehabilitate buildings (recurring budget item)	90.0	90.0	90.0	90.0	90.0
651.70.104	Various locations, reconstruct irrigation systems (recurring budget item)	90.0	90.0	90.0	90.0	90.0
651.70.105	Various locations, rehabilitate children's areas and playgrounds (recurring budget item)	50.0	50.0	50.0	50.0	50.0
651.67.102	Various locations, resurface courts and play areas (recurring budget item)	50.0	50.0	50.0	50.0	50.0
651.67.103	Various locations, resurface walks, paths and parking areas (recurring budget item)	50.0	50.0	50.0	50.0	50.0

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK (Continued)					
	General Division (Continued)					
651.69.103	Various locations, rehabilitate lighting systems (recurring budget item)	30.0	30.0	30.0	30.0	30.0
651.70.113	Various locations, reconstruct fencing (recurring budget item)	15.0	15.0	15.0	15.0	15.0
651.74.104	Golden Gate Park, Sharon Bldg., repair fire damage	140.0				
651.75.102	Various locations, handicapped access to facilities	35.0	35.0	35.0	35.0	
651.67.120	Golden Gate Park, rehabilitate windmills	20.0	40.0			
651.70.109	Golden Gate Park, misc. minor improvements	30.0				
651.70.204	Shark Park, replace San Andreas pump	35.0				
651.75.101	Bay View-Hunters Point Model Cities Area, rehabilitate buildings and grounds	170.0	250.0			
651.72.101	Various golf courses, resurface roads, paths and parking areas	30.0	30.0			
651.74.102	Great Highway Parking area, slope protection (recurring budget item)	26.0	27.0	28.0	30.0	
651.74.103	Golden Gate Park, Conservatory, rehabilitation	130.0				
651.68.104	Phelan Beach, reconstruct retaining wall	70.0	70.0	70.0	70.0	
651.70.103	Aquatic Park Bocci Ball Courts, reconstruct shelter		18.8			
651.70.118	Bernal Heights Playground, rehabilitation		47.1			
651.70.119	Duboce Park, rehabilitation and improvements		70.6			
651.67.115	Garfield Square, rehabilitation		148.3			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK (Continued)					
	General Division (Continued)					
651.70.202	Golden Gate Park, Metson Lake pipeline, replace pipeline from water reclamation plant to lake			36.0		
651.70.108	Great Highway esplanade, rehabilitate seawall			19.5		
651.70.203	Great Highway esplanade, reconstruct curb and sidewalk			195.2		
651.75.301	Shark Park Golf Course, relocate water mains				101.2	
651.70.402	Noe Valley tennis courts, rehabilitate				91.9	
651.67.114	Aquatic Park, Municipal Pier, lighting				143.8	
651.67.118	Jefferson Square, rehabilitation				152.2	
651.67.113	Huntington Square, replace irrigation system; rehabilitate square				107.3	
651.67.116	Ina Coolbrith Park, rehabilitation				63.3	
651.70.301	Aquatic Park, replace skylights to locker rooms					16.5
651.68.501	Golden Gate Park, reconstruct North Mill reservoir roof					147.3
651.68.601	Golden Gate Park, reconstruct arboretum reservoir					188.0
651.67.202	Lafayette Square, rehabilitation					111.4
651.68.602	Golden Gate Park, reconstruct Elk Glen Pumphouse					15.4
651.69.106	Golden Gate Park, Chain of Lakes, rehabilitation					347.9
656.71.101	Hunters Point Redevelopment Project, recreation and park facilities	625.0	500.0	500.0		

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK (Continued)					
	General Division (Continued)					
656.69.105	Various locations, athletic field floodlighting (recurring budget item)	110.0	232.0	232.0	232.0	165.0
656.73.106	Golden Gate Park, Master Plan	60.0				
656.69.101	Various locations, fencing	15.0	15.0			
656.69.106	Lincoln Park Golf Course, irrigation system extension, Phase III		119.2			
656.68.301	Stanford Heights Reservoir, playcourts		107.0	137.8		
656.74.201	Golden Gate Park, Strybing Arboretum, John Muir Nature Trail		40.0			
656.67.505	Golden Gate Park, Stow Lake-Strawberry Hill-Huntington Falls, rehabilitate	575.0				
656.68.104	Golden Gate Park, Conservatory, construct new growing house		405.0			
656.67.113	Harding Park, irrigation (plans)		25.0			
656.75.103	Bay View Playground, convenience station		50.0			
656.68.107	Golden Gate Park, maintenance yard equipment center		120.0			
656.71.102	Lake Merced, park development (State and Federal grant funds)		100.0o	100.0o		100.0o
656.74.202	Josephine Randall Museum environmental center		363.4			
656.67.509	Fort Funston, development study, Phase I		8.3			
656.67.127	Fort Miley, site improvements		13.0			
656.74.203	Ocean Beach, shoreline rehabilitation and improvement		1,000.0 (500.0) (500.0o)	1,000.0 (500.0) (500.0o)		1,000.0 (500.0) (500.0o)

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK (Continued)					
	General Division (Continued)					
656.72.102	Harding Park - Fleming Golf Course, construct new convenience station and sewer			64.3		
656.73.103	Park Improvement Bond			30,000.0n		
656.67.109	Fleishhacker Playfield, playground improvements				38.5	
656.74.301	Lincoln Park, improve trails, construct overlook and provide parking improvements				240.0	
656.68.501	Fleishhacker Pool, cover for transformer				8.4	
656.70.106	Lands End, develop observation and trail area	93.7				
656.67.120	McKinley Square, development	102.9				
656.68.110	Palace of Fine Arts, landscaping and lighting	642.0				
656.69.109	Golden Gate Park, convenience station (45th Ave. and Lincoln Way)	50.3				
656.74.401	Aquatic Park, rehabilitation and improvement	650.0	975.0			
656.71.401	John McLaren Park, construct domestic water supply system		222.3			
656.67.506	Bernal Hill, develop park		169.0			
656.69.113	Golden Gate Park, tennis courts, lighting		120.0			
656.69.117	Sutro Heights Park, rehabilitation		455.0			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK (Continued)					
	Camp Mather					
659.70.101	Various buildings, rehabilitation (recurring budget item)	40.0	40.0	40.0	40.0	40.0
659.70.102	Swimming pool, rehabilitation	20.0				
659.67.105	Six cabins, replacement	48.4	52.8			
659.67.102	Roads and parking areas, paving		25.6			
659.67.101	Recreation pavilion, construction		57.8			
	WAR MEMORIAL AND MUSEUM OF ARTS					
691.73.101	Opera House, rehabilitate or replace stage rigging and cycloramas	158.4				
691.73.102	Opera House, rehabilitate stage lighting	133.2				
691.73.104	Veterans' Building, first floor, enlarge women's restroom	26.0				
691.74.101	Performing Arts Center, construction	1,000.0	1,000.0			
691.73.103	Opera House-Veterans' Building, general rehabilitation		150.0	150.0	150.0	150.0
691.67.101	Opera House-Veterans' Building, rehabilitation					15,300.0n
	MUNICIPAL RAILWAY					
736.69.102	Replacement of transit operating equipment, debt service to cover previously approved program (MTC grant funds)	5,679.5o	3,266.6o	3,237.5o	4,083.5o	4,081.8o
736.75.101	Cable Car, replace wiring in traffic signal system	16.0				
736.73.101	Washington-Mason Cable Carbarn, replace cable tension carriage	60.0	20.0			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	MUNICIPAL RAILWAY (Continued					
736.69.111	Washington-Mason Cable Carbarn, reconstruct elevator room		90.0			
736.75.102	Various locations, renovation of interior operations areas		74.5			
736.75.103	Potrero Car House, reroof and rehabilitate drainage system		77.0			
736.75.104	Washington-Mason Cable Carbarn, replace wash rack		10.0			
736.74.105	Various locations, exterior painting or sandblasting		15.0	15.0	15.0	15.0
736.75.105	Various locations, replace interior lighting		39.5			
736.73.102	Washington-Mason Cable Carbarn, rehabilitate storage area		90.0			
736.75.106	Presidio Building, rehabilitate second floor toilet facilities		7.0			
736.74.104	Washington-Mason Cable Carbarn, replace water piping system		19.0			
736.75.107	Washington-Mason Cable Carbarn, replace machine shop		112.0			
736.73.105	Cable Car System, overhaul underground cable facilities	75.0	75.0			
736.75.201	Washington-Mason Cable Carbarn, reconstruct Gilley room		3.5			
736.73.111	Elkton Shop, convert rail bender to hydraulic system		7.6			
736.69.109	Various buildings, replace floor covering		5.0	5.0	5.0	
736.73.103	Washington-Mason Cable Carbarn, replace steel cover on sidewalk		0.5			
736.75.202	Washington-Mason Cable Carbarn, reconstruct restroom		2.5			
736.75.203	Presidio Building, Gilley room, replace toilet facility		1.7			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	MUNICIPAL RAILWAY (Continued)					
736.75.204	Presidio Building, replace lost and found office			8.0		
736.75.205	Presidio Building, rehabilitate heating and ventilating system			12.0		
736.75.301	Presidio Buildings, re-roof and repair balance of skylights				14.0	
736.75.302	Washington-Mason Cable Carbarns, rehabilitate basement area				25.0	
736.75.303	Washington-Mason Carbarn, rehabilitate money room				1.9	
737.75.101	Geneva Car House, convert lot to coach storage area	15.0				
737.74.106	Potrero Carbarn, install heating system in paint room	10.0				
737.72.302	Cable trench cleaning machinery, new construction	27.4				
737.75.103	Washington-Mason Cable Carbarn, install additional pit	10.0				
737.74.109	Presidio and Potrero Carbarns, paving and drainage around building and yards	140.0				
737.74.101	Outdoor coach yards, provide additional lighting				27.0	
737.68.102	Washington-Mason Cable Carbarn, install sump pit for oil and grease removal system				12.4	
737.75.102	Presidio Yard, construct retaining wall				13.0	
737.72.301	Potrero Coach Yard, construct restroom facility in paint shop area (TPG v)				13.0	
737.74.104	Presidio Building, rehabilitation and improvements				35.0	
737.74.105	Presidio Building, improve interior lighting				8.6	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	MUNICIPAL RAILWAY (Continued)					
737.74.108	Presidio Building, remodel portion to new offices		30.0			
737.75.104	Potrero Car House, install heating and ventilating system		11.0			
737.71.105	Washington-Mason Cable Carbarn, install fire escape from offices			7.7		
737.74.110	Washington-Mason Cable Carbarn, construct second-story addition			38.0		
737.71.106	Washington-Mason Cable Carbarn, install cable tension measuring instrumentation			14.8		
737.75.201	Presidio Building, construct operating engineer office and shop			4.0		
737.68.110	Various locations, landscaping around buildings and structures			10.6		
737.75.301	Cable Car, standardize carrier pulleys			40.0		

CAPITAL IMPROVEMENT PROGRAM: 1976-77 THROUGH 1980-81

GAS TAXES AND ROAD FUNDS

Explanation of Symbols:

e - 1.04 Cent Funds
g - Gas Taxes
s - Road Funds

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	DEPARTMENT OF PUBLIC WORKS					
670.75.101	Various bridge structures, rehabilitate for earthquake safety	980.0e	1,085.0e	1,190.0e		
670.75.105	Mason St., Sacramento to Green, reconstruction	213.8g				
670.75.106	Union St., Lyon to Baker, reconstruction	75.4g				
670.75.107	Taylor St., Columbus to Francisco, reconstruction	49.6e				
670.75.108	Florida St., 16th St. to Mariposa, reconstruction	145.5g				
670.75.109	Victoria St., Randolph to southerly terminus, reconstruction	76.4g				
670.75.110	Clay St., Franklin to Gough, reconstruction	90.7e				
670.75.111	22nd St., Castro to Collingwood, reconstruction	49.6g				
670.75.112	Fillmore St., Greenwich to Lombard, reconstruction	63.7g				
670.75.113	Green St., Taylor to Jones, reconstruction	45.6g				
670.75.114	York St., Holladay to Montcalm, reconstruction	44.4g				
670.75.115	Stoneman St., Folsom to Manchester, reconstruction	36.5g				
670.75.116	25th St., Rhode Island to DeHaro, reconstruction	39.0e				
670.75.117	Divisadero St., Broadway to Vallejo, reconstruction	78.0e				
670.75.118	France Ave., London to Paris, reconstruction	45.6g				
670.75.119	Shields St., Monticello to Beverly, reconstruction	43.1g				
670.75.120	18th St., DeHaro to Rhode Island, reconstruction	53.4g				
670.75.121	Ellis St., Divisadero to Broderick, reconstruction	89.4g				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
670.75.122	Green St., Polk to Larkin, reconstruction	84.3g				
670.75.123	Fell St., Laguna to Octavia, reconstruction	100.7e				
670.75.124	Greenwich St., Jones to Leavenworth, reconstruction	75.4g				
670.75.125	Goettingen St., Ward to Harkness, reconstruction	81.2g				
670.75.126	Portola Drive at 25th St., sidewalk and railing reconstruction	27.6e				
670.75.127	Geary Blvd., Gough to Presidio, install automatic irrigation controls	39.6e				
670.75.128	Grace and Washburn Sts., Mission to Howard, reconstruction	69.3g				
670.75.129	Sacramento St., Powell to Mason, reconstruction	75.4e				
670.75.130	Filbert St., Broderick to Lyon, reconstruction	142.9g				
670.75.131	Head St., Randolph to Shields, reconstruction	148.0g				
670.75.132	Vernon St., Randolph to Sargent, reconstruction	88.0g				
670.75.133	Shields St., Byxbee to Monticello, reconstruction	43.1g				
670.75.134	Filbert St., Larkin to Van Ness, reconstruction	141.9g				
670.75.135	Burrows St., Hamilton to Holyoke, reconstruction	51.2g				
670.75.136	Arch St., Shield to Garfield, reconstruction	88.0g				
670.75.137	Ward St., Goettingen to Girard, reconstruction	102.0g				
670.75.138	Park Presidio Blvd., reconstruct landscaping and irrigation system	104.1e	117.2e	132.0e		
670.75.139	Stockton St. Tunnel, surface renovation	187.0e				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
670.75.201	Great Highway, Lincoln to Sloat, reconstruct landscaping irrigation system	129.7e	146.0e	164.2e	184.7e	207.8e
670.75.202	17th St., Diamond to Douglass, reconstruction		94.6e			
670.75.203	Costa St., Brewster to Holladay, reconstruction		39.7g			
670.75.204	First St., Brannan to The Embarcadero, reconstruction		106.3g			
670.75.205	First St., Bryant to Brannan, reconstruction		131.6g			
670.75.206	Bright St., Randolph to Sargent, reconstruction		84.3g			
670.75.207	Carolina St., 20th to 22nd Sts., reconstruction		168.3g			
670.75.208	California St., Hyde to Jones, reconstruction		156.4e			
670.75.209	Lombard St., Stockton to Powell, reconstruction		83.4g			
670.75.210	Gilbert St., Bryant to Brannan, reconstruction		61.4g			
670.75.211	York St., Precita to Peralta, reconstruction		38.0g			
670.75.212	Manchester St., Stoneman to Ripley, reconstruction		58.9g			
670.75.213	Broderick St., Jackson to Pacific, reconstruction		52.5g			
670.75.214	Pacific Ave., Lyon to Presidio, reconstruction		65.3g			
670.75.215	Grant Ave., Greenwich to Filbert, reconstruction		51.3g			
670.75.301	North Point St., Columbus to The Embarcadero, reconstruction		580.5g			
670.75.302	Berry St., 4th to 7th Sts., reconstruction		323.3e			
670.75.303	Natoma St., Fremont to 1st St., reconstruction		39.2e			

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
670.75.304	Clementina St., 4th to 5th Sts., reconstruction		116.0g			
670.75.305	Perry St., 3rd St. to 550 ft. easterly, reconstruction		68.1g			
671.75.101	Various street and highway projects, Select System, preliminary engineering and administrative activities (recurring budget item)	20.0e	20.0e	20.0e	20.0e	20.0e
671.75.102	Various county road projects, preliminary engineering and administrative activities (recurring budget item)	20.0s	20.0s	20.0s	20.0s	20.0s
671.75.103	Various locations, construct curbs and pavements in front of public property (recurring budget item)	130.0g	130.0g	130.0g	130.0g	130.0g
671.75.105	Various school crossings, install traffic signals (recurring budget item)	22.0g	22.0g	22.0g	22.0g	22.0g
671.75.106	Various intersections, modify and reconstruct traffic control devices (recurring budget item)	22.0g	24.2g	26.6g	29.3g	32.2g
671.75.107	Various intersections with safety problems, install traffic signals and channelization	165.0g	165.0g			
671.75.108	Transit preferential streets program, installation of signs, overhead land signals or exclusive rights-of-way	100.0g	100.0g	100.0g	100.0g	100.0g
671.75.109	Various locations, sidewalk ramps for the handicapped	100.0g	100.0g	100.0g		
671.75.110	Various intersections, install signals and channelization (recurring budget item)	111.0g	120.0g	122.0g	127.0g	133.0g
671.75.111	Various locations, eliminate roadside obstacles (Federal grant funds)	200.0 (20.0g) (180.0o)	200.0 (20.0g) (180.0o)			
671.75.112	Various locations, standardize traffic signing (Federal grant funds)	30.0 (3.0g) (27.0o)				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
671.75.113	Various locations, install pavement lane markers and crosswalk striping (Federal grant funds)	600.0 (60.0g) (540.0o)	600.0 (60.0g) (540.0o)			
671.75.114	Upper Market St., construct median islands	92.5e				
671.75.115	Upper Market St., provide bicycle lanes, widen sidewalks, and related work	54.0e				
671.75.116	Various locations, provide engineering assistance to PUC for street lighting systems in existing overhead districts	10.0g	10.0g	10.0g	10.0g	10.0g
671.75.117	Various locations, Select System, resurface street areas	400.0e				
671.75.118	Various downtown intersections, install television camera traffic monitoring system	215.0e				
671.75.120	Various downtown intersections, install traffic signals	30.0g	30.0g			
671.75.121	Northern Waterfront traffic corridor, Bay to Jefferson, install signals at various intersections	75.0g				
671.75.122	Third St., 16th St. to Jamestown, install center island signals and replace obsolete signal wiring	27.2e				
671.75.123	Neighborhood Protected Residential Area Program	200.0g	200.0g	200.0g	200.0g	200.0g
671.75.124	Various intersections, modify signals (recurring budget item)	75.0g	80.0g	80.0g	86.0g	90.0g
671.75.125	Bicycle lane program (State grants)	37.0 (25.0g) (12.0o)	37.0 (25.0g) (12.0o)			
671.75.128	Great Highway Scenic Roadway, Lincoln to Sloat, construct roadway and improve pedestrian underpasses	680.0e				
671.75.129	Duboce Ave., Church to Belcher, narrow sidewalks	57.1e				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
671.75.130	Various locations, construct underground wired street lighting facilities in street areas outside underground districts (recurring budget item)	30.0g	30.0g	30.0g	30.0g	30.0g
671.75.131	19th Ave., Lincoln to Sloat, install sidewalk trees	60.0e				
671.75.132	Upper Market St., landscape median islands	411.0e				
671.75.133	Gilman Ave., 3rd St. to Fitch, install sidewalk trees	44.0e				
671.75.134	Evans Ave., 3rd St. to Phelps, narrow sidewalks	36.5e				
671.75.135	Precita Ave., Mission to Coso, narrow sidewalks	70.5g				
671.75.136	16th St., Market to Folsom, install sidewalk trees	53.6e				
671.75.137	Various street improvements, City aid as supplement to assessment procedures (recurring budget item)	162.0g	162.0g	162.0g	162.0g	162.0g
671.75.138	Various locations reset curbs and construct conform pavements (recurring budget item)	33.0g	33.0g	33.0g	33.0g	33.0g
671.75.139	Grand View Ave., 24th St. to Clipper, narrow sidewalks	103.6g				
671.75.140	Milton St., San Jose to Bosworth, narrow sidewalk on west side	48.2g				
671.75.141	19th Ave., Rossmoor to Junipero Serra, pedestrian, transit and vehicular movements study	15.0e				
671.75.142	Telegraph Hill, east slope, develop slide stabilization program	110.0g	110.0g	110.0g		
671.75.143	Willow St., Van Ness to Polk, narrow sidewalks	62.4g				
671.75.144	Cross Over Dr., undergrounding study	20.0e				
671.75.201	Earthquake resistance study of existing bridge structures	44.0g				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
671.75.130	Various locations, construct underground wired street lighting facilities in street areas outside underground districts (recurring budget item)	30.0g	30.0g	30.0g	30.0g	30.0g
671.75.131	19th Ave., Lincoln to Sloat, install sidewalk trees	60.0e				
671.75.132	Upper Market St., landscape median islands	411.0e				
671.75.133	Gilman Ave., 3rd St. to Fitch, install sidewalk trees	44.0e				
671.75.134	Evans Ave., 3rd St. to Phelps, narrow sidewalks	36.5e				
671.75.135	Precita Ave., Mission to Coso, narrow sidewalks	70.5g				
671.75.136	16th St., Market to Folsom, install sidewalk trees	53.6e				
671.75.137	Various street improvements, City aid as supplement to assessment procedures (recurring budget item)	162.0g	162.0g	162.0g	162.0g	162.0g
671.75.138	Various locations reset curbs and construct conform pavements (recurring budget item)	33.0g	33.0g	33.0g	33.0g	33.0g
671.75.139	Grand View Ave., 24th St. to Clipper, narrow sidewalks	103.6g				
671.75.140	Milton St., San Jose to Bosworth, narrow sidewalk on west side	48.2g				
671.75.141	19th Ave., Rossmoor to Junipero Serra, pedestrian, transit and vehicular movements study	15.0e				
671.75.142	Telegraph Hill, east slope, develop slide stabilization program	110.0g	110.0g	110.0g		
671.75.143	Willow St., Van Ness to Polk, narrow sidewalks	62.4g				
671.75.144	Cross Over Dr., undergrounding study	20.0e				
671.75.201	Earthquake resistance study of existing bridge structures	44.0g				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
671.75.202	Alice St., Folsom to Shipley, widening to provide larger roadway, lighting, and sidewalks with trees (Yerba Buena Center)	49.0g				
671.75.203	Clara St., 4th St. to Ritch, narrow sidewalks to achieve one-way traffic operation (Yerba Buena Center)	76.9g				
671.75.204	Shipley St., 4th St. to Ritch, narrow sidewalks to achieve one-way traffic operation (Yerba Buena Center)	75.6g				
671.75.205	Various downtown alleys, narrow sidewalks to provide on-street service vehicle and auto parking	165.0g	140.0g			
671.75.206	Page St., Franklin to Gough, narrow north sidewalk	47.9e				
671.75.207	Various locations, street lighting in underground districts	270.0g	270.0g	270.0g	270.0g	270.0g
671.75.208	Various streets, parallel to James Lick Freeway, installation of special traffic control devices for diverting freeway traffic to City streets in emergencies	97.5g				
671.75.209	Geary Blvd. at 9th Ave., construct pedestrian overpass	5.0e	151.0e			
671.75.301	DPW Maintenance Yard, 2323 Army St., construct retaining wall at south property line for storage of sand		134.4g			
671.75.302	Mission St. and South Van Ness Ave., construct vehicular underpass for left-turn movement from Mission to South Van Ness		15.0e	135.0e		1,950.0e
671.75.401	Masonic Ave. and Turk St., construct underpass for Masonic traffic		10.0e	90.0e	1,100.0e	
671.75.402	The Embarcadero, Broadway to Washington, conduct study for through-traffic, divided roadway			10.0e		
671.75.403	Key Ave., extend roadway to Bay View Park Road			10.0g		322.0g
671.75.601	Stanyan St., McAllister to Turk, widen right-of-way					159.0e

CAPITAL IMPROVEMENT PROGRAM: 1976-77 THROUGH 1980-81

REVENUES

Explanation of Symbols

o - other funding source
n - proposed bonds

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	RECREATION AND PARK DEPARTMENT					
	Zoological Gardens					
652.71.101	Various locations, rehabilitation	50.0	50.0			
652.74.201	Zoological Gardens Improvement Program	10,000.0n				
	Candlestick Park					
653.73.101	Parking lot repaving (recurring budget item)	50.0	50.0	50.0	50.0	50.0
653.74.101	Various capital improvements	50.0	50.0			
	AIRPORTS COMMISSION					
726.70.102	Landing field pavement, reconstruction (recurring budget item)	400.0	400.0	400.0	400.0	400.0
726.71.101	Utilities relocation and replacement (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.70.102	Utilities System, enlarge and improve system (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.70.103	Landing field facilities, improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.71.101	Terminal and airport service facilities, improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.69.104	Roads and parking facilities, minor improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.74.102	Interim cargo facilities, improvements (recurring budget item)	20.0	20.0	20.0	20.0	20.0

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	WATER DEPARTMENT					
746.68.101	Various locations, renew water services (recurring budget item)	1,500.0	1,500.0	1,500.0	1,500.0	1,500.0
746.68.102	Various locations, relocate and realign water mains (recurring budget item)	250.0	250.0	250.0	250.0	250.0
746.68.103	Various locations, relocate and realign water services (recurring budget item)	225.0	225.0	225.0	225.0	225.0
746.68.104	Various locations, replace water mains (recurring budget item)	550.0	550.0	550.0	550.0	550.0
746.68.105	Various locations, reconstruct and restore fences (recurring budget item)	26.0	26.0	26.0	26.0	26.0
746.68.106	Various locations, grade and resurface roads (recurring budget item)	20.0	20.0	20.0	20.0	20.0
746.68.108	Various locations, water mains, cement mortar lining (recurring budget item)	500.0	500.0	500.0	500.0	500.0
746.68.109	Various locations, reconstruct drain and air valves (recurring budget item)	12.0	12.0	12.0	12.0	12.0
746.68.110	Various locations, misc. repair and improvements to buildings (recurring budget item)	35.0	35.0	35.0	35.0	35.0
746.75.107	Central Pump Station, misc. building repair	40.0				
746.68.201	Various locations, misc. reconstruction and replacement (proposals for budget year are listed individually)	100.0	100.0	100.0	100.0	100.0
746.75.201	Niles-Irvington Pipeline, rehabilitate exterior coating	240.0				
746.74.101	San Andreas Fluoride Station No. 2, rehabilitate			25.0		
747.68.101	Various locations, water main extensions (recurring budget item)	420.0	420.0	420.0	420.0	420.0
747.68.102	Various locations, new service pipes and meters (recurring budget item)	415.0	415.0	415.0	415.0	415.0
747.68.103	Various locations, install gate valves (recurring budget item)	49.0	49.0	49.0	49.0	49.0

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	WATER DEPARTMENT (Continued)					
747.68.104	Various locations, pipeline electrolysis, install protective devices (recurring budget item)	30.0	15.0	15.0	15.0	15.0
747.68.105	Various locations, survey property lines and set monuments (recurring budget item)	25.0	25.0	25.0	25.0	25.0
747.68.106	Various locations, construct secondary feeder mains (recurring budget item)	600.0	600.0	600.0	600.0	600.0
747.68.107	Various locations, watershed lands, erosion control (recurring budget item)	12.0	12.0	12.0	12.0	12.0
747.68.108	Various locations, install drain and air valves (recurring budget item)	28.0	28.0	28.0	28.0	28.0
747.68.109	Various locations, construct fences (recurring budget item)	25.0	25.0	25.0	25.0	25.0
747.68.110	Various locations, motorize large valves (recurring budget item)	35.0	35.0	35.0	35.0	35.0
747.75.103	Various locations, new metering equipment	24.0				
747.75.104	Pulgas Temple, construct restroom	50.0				
747.75.105	Alameda Division, Turner Dam and San Antonio Ranch Roads, pave gravel roads	105.0				
747.75.106	Sunset Reservoir, complete sprinkler system	27.0				
747.75.107	Corporation Yard, install surveillance system	8.0				
747.75.108	Various locations, landscaping	25.0				
747.74.203	Various City reservoirs, modifications to piping	250.0				
747.72.201	San Antonio Reservoir, construct chlorination plant	250.0				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	WATER DEPARTMENT (Continued)					
747.68.209	Various locations, install misc. minor capital improvements (proposals for budget year are listed individually)	100.0	100.0	100.0	100.0	100.0
747.74.201	Central Pump Station, install peak demand and standby pump		225.0			
747.74.202	Sunol Valley Filter Plant, construct connection between Alameda Creek Siphon No. 1 and San Antonio Reservoir		150.0			
747.68.204	Alameda East Portal of Coast Range Tunnel, construct chlorination and dechlorination plant		336.0			
747.68.401	Northeast area of Sutro System, construct feeder mains			1,000.0	1,000.0	
747.68.202	Lincoln Park, construct tank or reservoir					1,000.0
747.72.501	San Antonio Pumping Station to Sunol Treatment Plant, construct new pipeline					1,400.0
	HETCH HETCHY SYSTEM					
756.74.101	City-owned underground facilities, relocate (recurring budget item)	50.0	50.0	50.0	50.0	50.0
756.69.106	Municipal Railway Transit System, power improvement program, replace DC distribution system (federal matching funds)	7,500.0 (1,500.0) (6,000.0o)	4,500.0 (900.0) (3,600.0o)			
756.74.102	Municipal Railway's trolley pole facilities, maintenance and replacement (recurring budget item)	200.0	200.0	200.0	200.0	200.0
756.75.101	Municipal Railway's trolley coach overhead facilities, reconstruct (recurring budget item)	225.0	225.0	225.0	225.0	225.0
756.75.102	Overhead Lines Section, 1401 Bryant Street, reconstruct office	6.2				
756.71.107	Various locations, rehabilitate exterior of buildings	80.0				

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	HETCH HETCHY SYSTEM (Continued)					
756.71.402	Moccasin Village, resurface roads	37.5	37.5			
756.71.403	Moccasin Village, various cottages, replace plumbing and bathroom fixtures	24.0	24.0			
756.75.107	Moccasin, Holms and Kirkwood Powerhouses, and Warnerville Substation, replace temperature and load recorders	25.0				
756.71.408	Moccasin and Intake housing units, various cottages, rehabilitate heating systems	30.0				
756.70.102	Moccasin-Newark transmission line, paint towers (recurring budget item)	93.0	102.2	113.6	128.0	140.8
756.74.201	Moccasin Village, replace six-inch water line	31.0				
756.75.108	San Joaquin Pipeline No. 3, repair interior lining	800.0				
756.75.201	Canyon Portal, vertical rock face, rock bolt and seal with gunnite	75.0				
756.75.202	Hetch Hetchy Power System, replace supervisory control and telemetering system		500.0			
756.75.203	San Joaquin Pipelines, regalvanize valve box covers		6.5			
756.75.204	Hughes-Leithold and Foothill water lines, replacement and repair		15.0			
756.71.404	O'Shaughnessy Dam, replace telephone system		15.0			
756.72.401	Moccasin private telephone system, replace telephones		2.9			
756.74.203	Camp Mather to O'Shaughnessy Dam, resurface access road		66.0			
756.75.301	Eleanor Dam, repair and seal concrete face				300.0	
756.70.113	Moccasin Village, replace street lighting				10.0	

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
P.I.N						
	HETCH HETCHY SYSTEM (Continued)					
756.74.204	Intake Sweitchard, Warnerville Substation, and Holm and Kirkwood Powerhouses, paint exterior switchyard equipment			30.0		
756.74.202	Early Intake, reconstruct portions of Cherry Diversion structure				350.0	
756.71.401	Oakdale Maintenance Yard, replace distribution system				12.0	
756.71.301	Abandoned Moccasin Switchyard, relocate electric power and communications facilities				50.0	
757.75.102	Moccasin, vehicle refueling station	16.0				
757.75.201	O'Shaughnessy Dam, construct access ramp to base	12.0				
757.67.402	Neward Substation to San Francisco International Airport, extend Moccasin transmission line			7,450.0n		
757.69.105	Moccasin Creek, construct Coulterville pump storage power plant				58,000.0n	
757.72.601	San Joaquin Pipeline No. 4, construction				45,100.0n	
	PORT COMMISSION					
775.72.101	Various operating piers, substructure improvements and repairs (recurring budget item)	172.0	990.0	1,990.0	1,060.0	530.0r
775.72.102	Various piers, construct sanitary sewers and connect to City system	10.0	100.0			
775.72.301	Various piers, construct ship sewer connections	115.0	115.0	115.0	115.0	115.0
775.70.115	Various piers, reconstruct damaged piers (recurring budget item)	172.0	172.0	172.0	172.0	172.0
775.70.114	Various piers, alterations as required by tenants (recurring budget item)	172.0	172.0	172.0	172.0	172.0
775.70.110	Various piers, enlarge doors of warehouse sheds (recurring budget item)	172.0	172.0	172.0	172.0	172.9

P.I.N.	Project Description	1976-77	1977-78	1978-79	1979-80	1980-81
	PORT COMMISSION (Continued)					
775.73.101	Warm Water Cove and Fisherman's Wharf, recreational improvements ($59,000 federal grant)	118.0 (59.0) (59.0o)				
775.72.201	Piers 90-92, improve road and railroad tracks	57.0				
775.74.601	Pier 35, passenger facility improvements	1,256.0				
775.70.602	Ferry Building, install air conditioning system		1,663.0			
775.70.501	Maintenance Shop Building, new construction			891.0		
775.70.304	Ferry Building, beautify portions of exterior; interior improvements			540.0	736.0	
775.70.113	Ferry Building, west side, improvements	115.0				
775.75.201	Port Commission offices, relocate	400.0				
775.70.403	The Embarcadero, various portions, reconstruction	345.0	345.0	345.0		
775.74.401	Vessel operations, truck crane for combination cargo handling		724.0			
775.69.120	The Embarcadero, modernize street lighting, Phase II		131.0			
775.70.305	Ferry Building, south wing, construct new entrance and install new elevator					345.0
775.70.603	Piers 23 and 27, construct pedestrian bridge and view platform					310.0
775.72.601	Auto repair and distribution center, construction					526.0
775.72.602	Alvord Grant, construct railroad and truck access to area					517.0

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ACD-6174

CITY AND COUNTY OF SAN FRANCISCO

RECOMMENDED SIX-YEAR CAPITAL IMPROVEMENT PROGRAM

1976-77 through 1981-82 fiscal years

Submitted by the CAPITAL IMPROVEMENT ADVISORY COMMITTEE
pursuant to Administrative Code Section 3.09

June 15, 1976

C I T Y A N D C O U N T Y O F S A N F R A N C I S C O

Office of Chief Administrative Officer

TO: Mayor George R. Moscone
and the Board of Supervisors

FROM: Capital Improvement Advisory Committee

SUBJECT: REPORT ON CAPITAL IMPROVEMENT PROGRAM, PART II

Part II of the annual Capital Improvement Program report, pursuant to Ordinance 139-66, is herein submitted. This report contains the program as approved by the Board of Supervisors for 1976-77, a recommended five-year, general obligation bond schedule, and a recommended Capital Improvement Program for the five-year period beginning in 1977-78. Part I of the annual report, containing the 1976-77 budget year recommendations, was submitted on March 15, 1976.

The Capital Improvement Program for the five-year period reflects the City Planning Commission's report of January 20, 1976 as adjusted to include those unfunded projects recommended initially for 1976-77. It is intended that the program will be used by all departments and agencies as a guide in the preparation of their budget year requests for 1977-78.

During the past few months, considerable concern was evidenced by the Grand Jury and the media regarding the condition of the City's physical plant. The Committee was hopeful that this publicity would increase the program's level of funding. Sadly, this did not happen. The gas tax supported program hit a fiscal low point from which it may never recover fully without a massive transfusion of expensive bond fund monies. A summary of actions by the Committee, the Mayor and the Board of Supervisors relative to the gas tax supported program for which available funds average approximately $14.0 million annually is as follows:

	1975-76	1976-77	$ Change
Committee	$ 10,059.9	$ 10,375.4	+ 315.5
Mayor	$ 1,568.7	$ 2,356.4	+ 787.7
Board of Supervisors	$ 1,432.8	$ 621.5	- 811.3

The ad valorem tax supported section of the capital program experienced a modest reduction in its funding level; however, about two-thirds of the monies appropriated were allocated to only three facilities. The Committee recognizes the need to provide increased funding to particular areas of the physical plant, but this should not be done at the expense to other activities. These special programs should be considered as additions to rather than part of the customary level of funding for the program. This would assure that the total program is provided with monies to accomplish its objectives for the entire physical plant. A summary of actions by the Committee, the Mayor and the Board of Supervisors relative to the ad valorem tax supported program is as follows:

	1975-76	1976-77	$ Change
Committee	$ 13,090.3	$ 6,831.7	- 6,258.6
Mayor	$ 3,770.5	$ 4,435.5	+ 665.0
Board of Supervisors	$ 3,717.6	$ 3,324.7	- 392.9

The Committee is encouraged by the increased amount in appropriations for the revenue supported departments; particularly, the Water Department and the Hetch Hetchy System. The programs for the maintenance and improvement of the capital facilities for these two resource management agencies are critical to their continuing and successful operation. A summary of actions by the Committee, the Mayor and the Board of Supervisors relative to the revenue supported program is as follows:

	1975-76	1976-77	$ Change
Committee	$ 9,059.2	$ 10,440.2	+ 1,381.0
Mayor	$ 6,967.0	$ 9,354.0	+ 2,387.0
Board of Supervisors	$ 6,913.0	$ 8,753.0	+ 1,840.0

Although there was an overall increase in the programs funded for 1976-77, we are only providing token care for our extensive physical plant. A greater awareness of the needs of the complete plant is required if the continuing deterioration of the City's streets, landscaped areas, parks and public buildings is to be corrected. Eventually, if it is allowed to continue, this neglect can only result in a more costly program for the correction of these deficiencies in the future.

Respectfully submitted,

Thomas J. Mellon, Chairman

John D. Crowley, Public Utilities

John C. Farrell, Controller

Rai Y. Okamoto, Director of Planning

John J. Spring, General Manager,
Recreation and Park Department

S. Myron Tatarian, Director of Public Works

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APPROVED CAPITAL IMPROVEMENT PROGRAM: 1976-77

(Annual Appropriation Ordinance, June 22, 1976)

Explanation of Symbols

e - 1.04 cent fund

g - gas tax

s - road fund

r - revenue

o - other funding sources

RECONSTRUCTION AND REPLACEMENT AND CAPITAL IMPROVEMENT PROGRAM FOR 1976-77

Comparative Table

The following table shows regular and supplemental budget requests, funding recommendations of the Committee and the Mayor, and appropriations by the Board of Supervisors for 1976-77. Departmental requests and appropriations for 1975-76 are included for purposes of comparison. All amounts in thousands of dollars.

Category	1975-76 Department Requested	1975-76 Appropriated	1976-77 Department Requested	1976-77 CIAC Recommended	1976-77 Mayor Recommended	1976-77 Appropriated
Ad valorem tax supported departments excluding Municipal Railway	$17,964.4	$ 3,634.3	$10,853.5	$ 6,831.7	$ 4,435.5	$ 3,324.7
Municipal Railway	1,330.2	83.3	--	--	--	--
Total ad valorem tax supported	$19,294.6	$ 3,717.6	$10,853.5	$ 6,831.7	$ 4,435.5	$ 3,324.7
Gas taxes and road funds	10,059.9	1,432.8	10,375.4	10,375.4	2,356.4	621.5
Recreation and Park (revenue)	199.0	89.0	110.0	110.0	85.0	65.0
Recreation and Park (Open Space Fund)	--	--	2,843.7	2,843.7	2,843.7	610.0
Airports Commission (revenue)	610.0	610.0	1,070.0	1,070.0	864.0	703.0
Municipal Railway (MTC)	3,897.0	3,897.0	4,125.8	4,125.8	4,125.8	4,125.8
Water Department (revenue)	4,343.0	3,487.0	4,000.0	4,000.0	3,920.0	3,725.0
Hetch Hetchy System (revenue)	3,810.2	2,816.0	5,370.2	5,370.2	4,570.0	4,325.0
Port Commission (revenue)	296.0	0	--	--	--	--
TOTALS	$42,509.7	$16,049.4	$38,748.6	$34,726.8	$23,200.4	$17,500.0

RECONSTRUCTION AND REPLACEMENT CAPITAL IMPROVEMENT PROGRAM

Departmental Schedules

P.I.N.	Project Description	Amount Appropriated
	Fire Department	
145.71.103	Various stations, install battery-operated emergency lighting facilities	22.5
145.75.105	Various locations, misc. minor capital improvements	13.4
145.75.101	Various stations, misc. reconstruction and replacement	10.1
	Municipal Court	
155.75.102	Hall of Justice, install shelving	2.5
155.75.101	City Hall, courtrooms, security measures	17.7
	Police Department	
161.75.101	Various district stations, convenience facilities for women	49.9
161.76.102	Various facilities, compliance with Cal/Osha regulations for electrical safety	7.5
161.73.106	Six district stations, replace toilets in cells	15.8
	Public Defender	
165.76.101	Hall of Justice, misc. minor capital improvements	6.1
	Social Services	
169.73.104	150 Otis St., lighting fixtures for stair towers	10.0
	Sheriff	
173.76.101	Jail No. 1, Cell Blocks E and F, exterior window bars	16.0
173.76.102	Jail No. 1, replace louver windows	24.0
173.76.103	Jail No. 2, kitchen area improvements	20.0
173.71.105	Jail No. 2, improvements to shower and storage building	12.6
173.74.102	Jails No. 1 and 3, remodel isolation cells	18.0
	Superior Court	
179.75.104	City Hall, replace lighting	1.2
	Juvenile Court	
186.75.106	Youth Guidance Center, misc. minor capital improvements	3.9
186.67.104	Youth Guidance Center, alter cottages	67.1

P.I.N.	Project Description	Amount Appropriated
	Coroner	
223.75.101	Coroner, Hall of Justice, deep freeze box, alterations	14.0
	Electricity	
233.76.101	Central Radio Station, Twin Peaks, third antenna tower, conduit and security fencing	42.2
	Real Estate	
245.75.103	Civic Auditorium, stage lighting feeder cables	4.9
	Public Works - General Office	
423.76.101	City Hall, general exterior masonry and related repair work	192.5
423.75.107	Various locations, fire and police alarm systems in underground districts	117.8
423.71.103	Civic Center, reconstruct steam supply loop	127.4
423.75.102	Various sewer outfalls, structural repairs	50.0
423.70.101	Various locations, misc. reconstruction and replacement	5.5
	Public Health	
500.75.127	101 Grove St., misc. reconstruction and replacement	2.2
500.73.112	Laguna Honda, ward toilet rooms, safety devices	120.3
500.71.112	Laguna Honda, modernize boiler burner and controls	127.8
500.76.114	Laguna Honda, various buildings, install fire-rated doors and smoke detectors	127.5
500.76.115	Laguna Honda, various locations, replace stair doors and panic hardware	49.5
500.76.116	Laguna Honda, various locations, replace non-fire rated doors for janitor and utility closets, and ward areas	121.7
500.76.117	Laguna Honda, various buildings, replace corridor doors	26.8
500.76.118	Laguna Honda, Building G, fire sprinklers	153.2
500.76.119	Laguna Honda, Building D, fire sprinklers	153.2
500.76.101	Laguna Honda, Boiler No. 2, reconstruct firebox brickwork	20.5
500.75.120	S.F. General, Service Bldg., standby Diesel emergency power generator	86.2
500.75.113	S.F. General, power plant, time delay switches for emergency power	6.9
500.76.103	Medical Center, wall protection for operating rooms	28.0

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500.76.104	Medical Center, wall guards for hallways	49.5
500.76.105	S.F. General, Bldg. 200, laboratories, electrical outlets	10.5
500.75.125	S.F. General, misc. reconstruction and replacement	7.7
500.75.137	S.F. General, relocate blood bank	96.6
500.75.131	S.F. General, Service Building, emergency lighting	4.0
500.76.109	S.F. General, misc. safety and security improvements	13.2
500.76.106	S.F. General, laundry, intake fan	5.0
	Fine Arts Museums	
621.74.107	M. H. de young, various galleries, ultraviolet radiation protection	8.3
	Public Library	
631.75.108	Various locations, misc. reconstruction and replacement	3.5
	Recreation and Park	
651.70.104	Various locations, reconstruct irrigation	90.0
651.70.113	Various locations, reconstruct fencing	15.0
651.69.103	Various locations, rehabilitate lighting	40.0
651.67.103	Various locations, resurface walks, paths and parking areas	42.5
651.67.102	Various locations, resurface courts and play areas	42.5
652.71.101	Zoo, various locations, rehabilitation	50.0r
653.74.101	Candlestick Park, misc. improvements	15.0r
654.76.104	Various locations, renovations (Open Space Acquisition and Park Renovation Fund)	610.0
	Public Works - Gas Tax and Road Fund	
671.75.101	Various street and highway projects, Select System, preliminary engineering and administration (plans)	20.0e
671.75.102	Various county road projects, preliminary engineering and administration (plans)	20.0s
671.75.106	Various intersections, traffic control devices, modifications and improvements	15.0g
671.75.109	Various locations, sidewalk ramps for the handicapped	100.0g
670.76.101	Various intersections, traffic safety modifications	80.0g

P.I.N.	Project Description	Amount Appropriated
671.75.207	Various locations, street lighting in underground districts	70.0g
671.75.115	Upper Market St., provide bicycle lanes, widen sidewalks and related work	30.0g
670.76.102	Various locations, resurfacing of Select System streets	150.0e
671.75.122	3rd St., 16th to Jamestown, center island signals	27.2e
671.76.105	Russian Hill and Telegraph Hill areas, install stairway handrails	21.5g
671.75.130	Various locations, construct underground wired street lighting facilities in street areas outside underground districts	20.0g
671.76.106	Various locations, Federal Aid Urban (FAU) system streets, traffic sign conversion	30.0g
670.75.127	Geary Blvd., Gough to Presidio, install automatic irrigation controls	37.8e
	War Memorial	
691.74.101	Performing Arts Center, construction	1,000.0
	Airports Commission	
726.71.101	Utilities relocation and replacement	23.0r
726.76.101	Terminal facilities, reconstruction	150.0r
727.70.102	Utility system, improvements	55.0r
727.70.103	Landing field facilities, improvements	45.0r
727.71.101	Passenger terminal and administrative facilities, improvements	250.0r
727.74.102	Cargo facilities, improvements	30.0r
727.69.101	Landing field, improvements	100.0r
727.69.102	Drainage facilities, improvements	40.0r
727.70.103	Landing field facilities, improvements (Special Aviation Fund)	10.0r
	Municipal Railway	
736.69.102	Replacement of transit operating equipment (MTC grant funds)	4,125.8o
	Water Department	
746.68.101	Various locations, renew water services	1,100.0r
746.68.102	Various locations, relocate and realign water mains	200.0r
746.68.103	Various locations, relocate and realign water services	150.0r
746.68.104	Various locations, replace water mains	450.0r
746.68.105	Various locations, reconstruct and restore fences	30.0r

P.I.N.	Project Description	Amount Appropriated
746.68.106	Various locations, grade and resurface roads	10.0r
746.68.108	Various locations, water lines, cement mortar lining	300.0r
746.68.109	Various locations, reconstruct drain and air valves	14.0r
746.68.110	Various locations, misc. repair and improvements to buildings	22.0r
746.75.105	Calaveras Dam, paint outlet tower, and line and coat standpipe and outlet pipe	110.0r
746.75.107	Central Pump Station, misc. building repair	45.0r
746.75.104	Crystal Springs Fluoridation Station, replace equipment	75.0r
746.76.102	Various San Francisco stations, rehabilitate interior tank coverings	15.0r
747.68.101	Various locations, water main extensions	200.0r
747.68.102	Various locations, new service pipes and meters	300.0r
747.68.103	Various locations, install gate valves	50.0r
747.68.104	Various locations, cathodic protection for pipeline and equipment	10.0r
747.68.105	Various locations, survey property lines and set monuments	20.0r
747.68.106	Various locations, construct feeder mains	300.0r
747.68.107	Various locations, watershed lands, erosion control	12.0r
747.68.108	Various locations, install drain and air valves	25.0r
747.68.109	Various locations, construct fences	25.0r
747.68.110	Various locations, motorize large valves	10.0r
747.74.201	Central Pump Station, install peak demand and emergency pump	225.0r
747.75.103	Various locations, new metering equipment	27.0r
	Hetch Hetchy Project	
756.76.101	Moccasin shop area, replace vehicle refueling station	26.0r
756.75.202	Hetch Hetchy Power System, replace carrier and supervisory control system	500.0r
756.76.102	Holm Powerhouse, rewind generator stator windings	600.0r
756.75.108	San Joaquin Pipeline No. 3, repair interior lining	900.0r

P.I.N.	Project Description	Amount Appropriated
756.76.103	West Portal and Priest Reservoir, resurface roads	28.0r
756.75.204	Hughes-Leithold and Foothill water lines, replace and repair	25.0r
756.76.106	San Joaquin Valve House, repair relief valve and vacuum valves and gages	18.0r
756.76.109	Oakdale Meter House, general mechanical repair	7.0r
756.69.106	Municipal Railway Transit System, Power Improvement Program, replace DC distribution system	2,000.0r
757.76.101	Moccasin Powerhouse, improve radio communications reception	26.0r
757.76.102	San Joaquin Valve House, install back flow prevention device	21.0r
757.76.103	Moccasin Reservoir, install remote controls for outlet gates	12.0r
757.76.104	Priest Reservoir, construct diversion channel	87.0r
757.76.106	San Joaquin pipelines, Oakdale Portal, sand and gravel trap	75.0r

CAPITAL IMPROVEMENT PROGRAM: 1977-78 THROUGH 1981-82

Fiscal Summary and Bond Program

CAPITAL IMPROVEMENT PROGRAM: 1977-78 THROUGH 1981-82

Fiscal Summary

(Costs in thousands of dollars)

Sources of Financing	1977-78	1978-79	1979-80	1980-81	1981-82	Totals
Ad Valorem and Sales Taxes	$ 11,890.9	$11,743.3	$ 10,979.1	$ 10,265.1	$10,263.0	$ 55,141.4
Gas Taxes and Road Funds	6,910.6	5,232.8	3,981.2	2,649.7	4,389.8	23,164.1
Revenues	16,302.7	13,730.0	12,331.0	8,331.0	9,531.0	60,225.7
Proposed Bonds	193,600.0	19,500.0	151,600.0	259,500.0	48,113.0	672,313.0
Other Sources	9,771.0	12,159.5	6,315.0	5,322.7	6,940.0	40,508.2
TOTAL DEPARTMENT SCHEDULES	$238,475.2	$62,365.6	$185,206.3	$286,068.5	$79,236.8	$851,352.4

PROPOSED BOND PROGRAM

The following table of proposed bonds as submitted by the various departments reflects the recommended bond schedule approved by the City Planning Commission in their report of January 20, 1976 and changes proposed thereto during the development of this report. The total amount of the bond program, by type, is as follows (amounts in millions of dollars):

General obligation bonds $ 672.3

Date of Submission	Description	Amount
1977-78	Street Improvements	$ 18.0
	District Police Stations	16.0
	Laguna Honda Hospital	14.1
	Library Improvements	59.5
	Kirkwood-Moccasin Power System	80.0
	Multi-purpose Improvements	6.0
1978-79	Emergency Operating Center	3.5
	Zoological Gardens	10.0
	Multi-purpose Improvements	6.0
1979-80	Fire Protection System	23.5
	San Joaquin Pipeline	45.1
	Courts-Office Building	60.5
	Heating and Cooling Plant	16.5
	Multi-purpose Improvements	6.0
1980-81	M.H. de Young, East Wing	$ 10.5
	Coulterville Power Plant	68.0
	Wards Ferry Power Complex	60.0
	Clavey Power Complex	115.0
	Multi-purpose Improvements	6.0
1981-82	District Mental Health Centers	20.7
	War Memorial Rehabilitation	21.4
	Multi-purpose Improvements	6.0

POSSIBLE FUTURE BOND PROPOSALS:

County Jail Improvements
Records Center and Warehouse
Central Shop Improvements
Youth Guidance Center
Senior Citizen Center
Legion of Honor Improvements

CAPITAL IMPROVEMENT PROGRAM: 1977-78 THROUGH 1981-82

Ad Valorem Tax Supported Departments

Explanation of Symbols

r - revenue

o - other funding sources

n - proposed bonds

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	ASSESSOR					
115.73.101	City Hall, install partitioning, air conditioning, electric panelling and new ceiling	151.8				
	CITY ATTORNEY					
117.74.101	City Hall, second floor, office alterations	438.0				
	CIVIL SERVICE					
121.67.103	City Hall, Room 52-B, convert basement storeroom to filing office	26.6				
	CONTROLLER					
124.72.102	City Hall, EDP Section, provide alternative source of electrical service	386.0				
124.69.101	240 Van Ness Ave., EDP Section, office alterations	214.8				
	EMERGENCY SERVICES					
131.72.101	Emergency Operating Center, construction	50.0	3,500.0n			
	DISTRICT ATTORNEY					
141.70.101	Hall of Justice, third floor, office alterations	34.8				
	FIRE					
145.70.102	Various stations, install overhead apparatus doors with radio controls	105.8				
145.72.101	Various stations, install radio controls for overhead apparatus doors	62.6				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
145.76.101	Various stations, lockers and shelving	15.0				
145.73.202	Training Center, replace pipe to low pressure hydrant	30.6				
145.76.102	Pump Stations 1 and 2, eliminate safety hazards	58.3				
145.73.101	Inactive station, 1249 Clayton, convert to physical conditioning center		58.3			
145.72.102	Chief's Residence, 870 Bush, remodel and modernize kitchens and bathrooms		12.4			
145.75.102	Various stations, install acoustical tile		7.5			
145.75.103	Various stations, improve interior lighting		9.0			
145.69.107	Station 31, 441 - 12th Avenue, misc. improvements		22.4			
145.67.123	Twin Peaks Reservoir, pave access road and parking area		10.5			
145.69.105	Station 35, 676 Howard, provide study room in basement		12.4			
145.73.601	Auxiliary Water Supply System, improvements and extensions					23,500.0n
	MUNICIPAL COURT					
155.76.101	Hall of Justice, Room 101, construct sound proof machine room	7.1				
155.67.102	City Hall, third floor, renovate courtrooms and chambers	143.8	172.5			
155.68.101	City Hall, clerk offices, install acoustical tile	13.8				
	POLICE DEPARTMENT					
161.76.104	Hall of Justice, electrical improvements	5.2				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
161.73.101	Three district stations, replace and relocate gas pumps	8.5				
161.73.102	Various facilities, noise control booths for IBM cable terminals	15.3				
161.71.109	Hall of Justice, Planning and Research, install partitions	14.5				
161.76.103	Hall of Justice, Commission Hearing Room, extend podium to accomodate new Commission members	7.5				
161.70.128	Planning services, Bureau of Architecture	13.0				
161.73.107	Hall of Justice, Juvenile Bureau, partitions and auxiliary lighting circuit	11.0				
161.71.101	Hall of Justice, Crime Lab., study to enlarge facility	2.5				
161.70.116	Hall of Justice, Crime Lab., alterations	39.4				
161.72.117	Hall of Justice, Photo Lab., additions and alterations	19.9				
161.71.107	Hall of Justice, various locations, partitions and acoustical tile	14.4				
161.76.101	Hall of Justice, Criminal Information Bureau, install air ccoling for computer	45.9				
161.75.104	Police facilities, improvements	16,000.0n				
161.73.108	Hall of Justice, Traffic Bureau, additional alterations					15.1
161.75.106	Hall of Justice, various locations, electrical improvements					5.3
161.68.104	Hall of Justice, Traffic Bureau, remodel western section					14.5
161.71.201	Hall of Justice, Operations Center, soundproofing and security alterations					28.1

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
161.71.110	Police Range, overhead safety baffles		48.0			
161.70.117	Hall of Justice, Traffic Bureau, alterations		20.1			
161.71.207	Hall of Justice, Criminal Information Bureau, alterations for improved efficiency and security		70.7			
161.73.105	Richmond Station, renovate men's toilet room		11.2			
161.74.105	Various facilities, new lighting fixtures		49.3			
161.71.113	Hall of Justice, Traffic Bureau, acoustical treatment		16.7			
161.74.101	Southern Station, Room 101, alterations		67.2			
161.74.103	Richmond Station, space study	4.0				
161.74.106	Southeast Station, additional alterations			96.8		
161.71.112	Hall of Justice, Communications Center, modify air conditioning system			36.0		
161.70.111	Hall of Justice, City Prison, alterations to women's section			13.4		
161.74.104	Richmond Station, remodeling			54.5		
161.71.105	Hall of Justice, acquire land for additional parking (Block 3759, Lot 40)			15.0		
161.70.109	Hall of Justice, City Prison, reconstruct intercom system			29.2		
161.70.121	Hall of Justice, City Prison, TV surveillance system					160.2
161.69.103	Ingleside Station, remodel various offices					72.1
161.68.106	Taraval Station, additional parking spaces					18.8

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
161.70.112	Hall of Justice, City Prison, preliminary studies for alterations to elevator				2.6	
161.71.203	Police Range, install automatic sprinkler system				26.2	
161.71.205	Central Station, cabinets and shelving				7.6	
161.71.206	Taraval Station, new restroom and interrogation room				8.1	
161.73.201	Hall of Justice, City Prison, security and provide health measures				9.6	
161.73.202	Central Station, air conditioning				45.0	
161.73.203	Police Range, heating system				25.3	
161.70.110	Hall of Justice, City Prison, men's section, misc. alterations					26.3
161.70.113	Hall of Justice, City Prison, resurface floor					257.0
161.70.106	Hall of Justice, Homicide Bureau, interrogation room					17.6
161.71.302	Taraval Station, training and utility rooms in basement					68.2
161.71.303	Hall of Justice, City Prison, construct recreation area on roof					18.7
161.68.105	Hall of Justice, Central Warrant Bureau, partitioning					14.7
161.71.401	Taraval Station, intercommunications system					7.9
	SOCIAL SERVICES					
169.70.101	1680 Mission St., alterations to hearing and ventilating system	18.3				
169.73.103	150 Otis St., new women's toilet facilities	18.0				
169.74.102	150 Otis St,, additional office space for supervisors	7.8				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	SHERIFF					
173.76.103	Jail No. 2, kitchen area improvements	111.0				
173.76.104	Jail No. 4, alterations to visiting area	19.5				
173.74.101	Jail No. 2, rehabilitation	391.0	76.0			
173.76.106	Jail No. 1, relocate existing hand gun storage facility	11.0				
173.75.101	Jail No. 2, alterations to visiting area	85.8				
173.70.508	Jail No. 1, alterations to interview rooms	12.5				
173.71.206	Jail No. 2, replace floor covering	80.6	85.9	54.3		
173.74.202	Jail No. 2, administrative area, security measures		32.7			
173.67.116	Sheriff's Office, City Hall, remodel Civil Division office area		19.3			
173.71.202	Jail No. 2, construct paint storage building		10.0			
173.72.101	Jail No. 2, Tiers 1-8, improve lighting		24.3			
173.68.105	Jail No. 4, reconstruct intercom system		20.6			
173.70.503	Jail No. 2, replace elevators		147.7			
173.71.205	Jail No. 2, attorney's room and chaplain's office, alterations					16.6
173.74.201	Jail No. 2, rotunda area, provide new offices and dining - classroom area					217.8
173.68.108	Jail No. 1, reconstruct and extend intercom and PA systems					25.3
173.72.102	Jail No. 2, provide access road to exercise yard					32.5

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
173.67.120	Jail No. 2, install stainless steel tables				225.9	
173.67.112	Jail No. 2, construct feed storage building				115.7	
173.71.204	Jail No. 2, construct vehicle storage building				108.1	
173.70.505	Jails No. 2 ane 4, jail grounds, install roadway lighting				16.5	
173.71.207	Jail No. 2, construct road to Jail No. 4					101.4
173.67.109	Jail No. 2, recreation area, construct retaining wall					99.8
173.67.115	Jails No. 2 and 4, roads and parking areas reconstruct paving					57.0
173.67.113	Jail No. 2, convert stable to farm produce storage facility					109.8
	SUPERIOR COURT					
179.67.101	City Hall, fourth floor, install air conditioning in various courtrooms and adjacent judges' chambers	202.0				
179.75.101	City Hall, fourth floor, various courtrooms, remodel	67.7	135.7			
179.75.102	Hall of Justice, third floor, jury room (state and federal grant)	107.7 (43.9) (63.8o)				
179.75.105	Hall of Justice, additional courtrooms (non-profit corporation)	38.0	6,839.5o			
	BOARD OF SUPERVISORS					
181.72.101	City Hall, second floor, provide additional office space	180.0	180.0	180.0		

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	TREASURER					
183.75.101	Room 110, cashier windows, main vault, inheritance tax vault and office area, improve lighting	5.0				
	JUVENILE COURT					
186.67.104	Youth Guidance Center, alter cottages	77.4				
186.74.102	Log Cabin Ranch, install emergency electrical system	34.8				
186.74.101	Hidden Valley Ranch, install emergency electrical system	14.9				
186.75.101	Log Cabin Ranch, resurface play yard	13.5				
186.75.102	Log Cabin Ranch, install outdoor playground lights	41.5				
186.76.101	Hidden Valley Ranch, dry storage room, ventilation system	0.8				
186.73.102	Youth Guidance Center, remodel existing storeroom facilities below service building		101.2			
186.71.201	Youth Guidance Center, modernize lighting in administration building		26.8			
186.72.101	Youth Guidance Center, Arts and Crafts Room remodel for teachers curriculum laboratory		11.6			
186.74.201	Log Cabin Ranch, addition to recreation hall		77.7			
186.74.202	Log Cabin Ranch, improve sewage treatment facilities		82.5			
186.74.205	Hidden Valley Ranch, relocate sewer line		14.5			
186.68.101	Youth Guidance Center, construct garage for ten City-owned vehicles		64.9			

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
186.71.301	Youth Guidance Center, construct warehouse and realign roadway			226.7		
186.74.401	Youth Guidance Center, install landscaping and irrigation system			21.5		
186.74.403	Log Cabin and Hidden Valley Ranches, resurface roadways			14.3		
186.74.404	Log Cabin and Hidden Valley Ranches, modernize water and chlorination facilities				143.0	
186.74.405	Log Cabin Ranch, install new walk-in refrigerator				9.5	
186.74.406	Log Cabin and Hidden Valley Ranches, install landscaping and irrigation				14.3	
186.74.104	Log Cabin Ranch, expand existing laundry room				19.4	
	ACADEMY OF SCIENCES					
213.69.101	Steinhart Aquarium, emergency generator	44.0				
213.70.101	North American Hall, conduct preliminary feasibility study for use of partially excavated basement area	11.0				
213.67.104	Steinhart Aquarium, reptile quarantine area		54.9			
213.67.302	Earth History Building, construction			1,375.0o		
213.67.116	Hall of Science, second floor, provide additional laboratory and office space				312.0o	
213.75.601	Steinhart Acuarium, complete facility					2,000.0o

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	CHIEF ADMINISTRATIVE OFFICER					
221.70.101	Revolving fund for various studies and minor capital improvement projects	100.0	100.0	100.0	100.0	100.0
221.75.101	Employee Relations, City Hall, Room 154A, acoustical ceiling, mechanical ventilation and modify lighting	11.3				
	FINANCE AND RECORDS					
227.70.101	Study for new records center (site undetermined)	22.1				
	DEPARTMENT OF ELECTRICITY					
233.67.102	Central Radio Station, underground electrical and communications wiring	93.9				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
233.70.103	Central Fire Alarm Station, construct garage for fire communications van	15.2				
233.75.101	Central Fire Alarm Station, relocate cyclone fence	1.1				
233.75.102	Central Fire Alarm Station, motorize driveway gate	4.9				
	COUNTY AGRICULTURE					
241.75.101	Farmers Market, install security floodlighting	7.7				
241.75.102	Farmers Market, provide traffic control barriers	2.2				
	REAL ESTATE					
245.73.102	Civic Auditorium, main floor, terrazzo floor repair	68.0				
245.75.103	Civic Auditorium, stage lighting feeder cables, extension	4.9				
245.76.101	Civic Auditorium - Brooks Hall, utility system improvements	3.0				
245.67.107	Brooks Hall - Civic Center Plaza, study to remedy operational faults	12.4				
245.67.108	Civic Auditorium, partition west end of north corridor on main floor	12.1				
245.75.101	VD Medical Clinic, 250 - 4th St., property acquisition		350.0			
245.67.102	Civic Auditorium, apparatus for automatic changing of curtains in main area		49.8			
245.67.110	Civic Auditorium, resurface balcony floors		76.2			
245.69.101	Civic Center area, study for underground cafeteria between Civic Auditorium and Brooks Hall		7.0			

P.I.N	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
245.76.201	State Compensation Insurance or CALTRANS buildings, acquisition (lease-purchase option) for public offices		800.0	800.0	800.0	800.0
245.69.102	Van Ness Avenue and Grove Street, southeast corner, acquisition for general public use			508.2		
	REGISTRAR OF VOTERS - RECORDER					
255.75.101	City Hall, Room 155 (Registrar), office improvements	45.0				
255.75.102	City Hall (Registrar), replace lighting	3.0				
255.76.101	City Hall (Registrar), install acoustical materials	2.2				
	PURCHASING					
311.75.102	Central Shops, gasoline bulk storage facility	67.5				
311.76.101	Various locations, diesel bulk storage facility	214.3				
311.67.101	Central Shops, pave, fence and install lighting for vehicle parking area	72.0				
311.67.102	Central Shops, improve ventilation in automobile shops	105.5				
311.67.104	Central Shops, machine shop, construct mezzanine office area	13.1				
311.75.101	Central Shops, Bldg. B, toilet facilities	4.9				
311.67.112	Central Shops, enclose service station work area				11.8	
311.67.103	Central Shops, construct shed for storage of ladders and lumber				37.5	
311.67.107	Central Shops, enlarge shop entrance				22.9	

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
311.67.111	Central Shops, install low pressure fire hydrant and water line		29.8			
311.75.201	Purchaser's Warehouse, feasibility study for new central warehouse		27.0			
311.67.116	Central Shops, fire hose test facility		39.6			
311.67.106	Central Shops, covered automobile storage area		90.9			
311.75.104	Central Shops, develop bulk gasoline receiving, storage and distributing facility		225.0			
	PUBLIC WORKS - GENERAL OFFICE					
423.70.101	Various locations, misc. reconstruction and replacement (recurring budget item)	100.0	100.0	100.0	100.0	100.0
423.70.102	Various locations, misc. minor capital improvements (recurring budget item)	75.0	75.0	75.0	75.0	75.0
423.74.103	Various locations, boiler fuel storage tanks	110.5				
423.76.101	City Hall, general exterior masonry and related repair work	216.0				
423.71.103	Civic Center, reconstruct steam supply loop	140.1	163.9			
423.73.102	City Hall, enlarge electrical service	224.0				
423.71.102	Various locations, streetside landscaping (Res. No. 515-68)	300.0	300.0	300.0	300.0	300.0
423.75.102	Various sewer outfalls, structural repairs (recurring budget item)	30.0	30.0	30.0	30.0	30.0
423.75.106	Hall of Justice, modify sanitary waste plumbing system	174.0				
423.75.107	Various locations, fire and police alarm systems in underground districts (recurring budget item)	100.0	100.0	100.0	100.0	100.0

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
423.73.105	Hall of Justice, study of heating, ventilating and air conditioning system	10.8				
423.75.109	Mission Street (at 16th and 24th), restoration of vine trellises, benches and crosswalks	50.0				
423.73.108	Protected Neighborhood Street Program	50.0				
423.70.105	Multi-purpose bond (annual program)	6,000.0n	6,000.0n	6,000.0n	6,000.0n	6,000.0n
423.74.102	Street improvement and reconstruction	18,000.0n				
423.70.108	460 McAllister St., Division of Traffic Engineering, modify air conditioning system		25.9			
423.67.105	450 McAllister St., City Hall Annex, heating and ventilating system	41.1				
423.75.105	Hall of Justice, boiler safety control annunciator panels	20.7				
423.75.103	Hall of Justice, main electrical distribution system, ground fault protection; install electronic trips for circuit breakers	42.5				
423.76.201	Hall of Justice, reconstruct pneumatic tube system	84.2				
423.76.202	Hall of Justice, south facade, install solar film	19.5				
423.75.104	Hall of Justice, electrical system, by-pass switches for transfer switches	63.8				
423.73.106	City Hall, Room 61, ventilation system					9.8
423.68.106	Utilities undergrounding (study)					14.0
423.67.108	City Hall, Bureau of Engineering, ventilation system					14.0

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
423.70.105	Civic Center, construct combined Courts-office building (site undetermined)			60,500.0n		
423.70.107	Civic Center, construct new central heating and cooling plant			16,500.0n		
	PUBLIC HEALTH					
	Laguna Honda					
500.73.112	Various wards, install safety devices in patient toilet rooms	142.2				
500.75.103	Laundry Building, fire sprinkler system	97.5				
500.76.113	Overhaul emergency power system	649.0	1,285.0	896.0	905.0	
500.75.124	Bldg. M and O, storage areas, fire sprinkler	11.5				
500.70.105	Improvement program to meet Life Safety Code and licensing requirements	14,100.0n				
500.75.102	Morgue, replace refrigeration system	9.2				
500.75.130	Main Building, safety walkways in water heater room	2.5				
500.76.102	Various locations, reconstruct linen chutes	18.5				
500.69.110	Various ward dining rooms, replace floor covering	11.2				
500.73.107	Various locations, emergency lighting and communications circuits				141.2	
500.75.104	Surgery, install tile walls and floor				14.3	
500.67.134	Various wards, remodel treatment rooms and nurses' stations				135.5	
500.71.114	Main lobby, construct new elevators; modernize existing elevators				666.4	

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.69.203	Various locations, modernize lighting		83.3			
500.68.109	Install therapy pool water filter		19.6			
500.71.115	Laundry, new construction			473.8		
500.69.201	Main corridors, replace resilient flooring			204.8		
500.67.135	Various wards, kitchen alterations			53.7		
500.68.114	Meat refrigerator box, reconstruct			22.2		
500.70.119	Various areas, modernize bathtubs			106.4		
500.71.207	Bldgs. L and O, fourth floor wards, partitions			64.8		
500.71.113	Seventh floor, convert solarium into Medical Director's office	37.1				
500.73.109	Clarendon Hall, remodel alcoholism treatment unit	58.1				
500.70.121	Replace and enlarge portions of PAX intercom system	216.0				
500.71.209	Various wards, new ceiling, lighting and cubicle curtain tracks				1,622.0	
500.67.115	Various ward kitchens, install utility closets				32.9	
500.71.208	Pave site of demolished Bldg. 3 for additional parking				100.7	
500.70.201	Automatic sprinkler system for front lawns				38.5	
500.67.120	Various areas, reconstruct ventilation system				41.6	
500.70.118	Various areas, replace lavatory sinks				92.7	
500.67.129	Reconstruct paging system				131.1	

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.71.202	Conduct study and prepare preliminary plans for locker room facilities				4.7	
500.71.215	Expand telephone system				19.6	
500.67.154	Laundry Building and Pharmacy, burglar alarm system				15.7	
500.67.122	Pharmacy, air conditioning				40.0	
500.67.125	Bldg. B, remodel wards					1,148.8
500.71.203	Various locations, remodel for physicians' offices					56.9
500.71.214	Construct reinforced concrete walkway and stairs along "Burma Road"					15.6
500.70.120	Various locations, lavatory basins					315.2
500.69.401	Parking facility, construct additional area					1,298.2
	San Francisco General					
500.75.110	Medical Center, dish washing room 2128, purchase and install tray conveyor	39.1				
500.75.138	Various locations, complete shelled areas for storage	61.3				
500.69.114	Bldg. 3, Autopsy Room, reconstruct ventilating system	105.6				
500.76.107	Mission Emergency Area, Accounting Department, office space	21.1				
500.75.135	Medical Center, Nuclear Medicine, complete shelled area for facilities	391.0				
500.75.140	Various locations, additional office facilities in older buildings	38.5				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.75.139	Medical Center, Radiology Department, complete shelled area for Tomographic Scanning Machine		110.0			
500.67.139	Bldg. 200, replace elevator		194.0			
500.75.201	Medical Center, telephone equipment room, partitioning for storage space		13.2			
500.75.114	New laundry bleach tanks		3.5			
500.75.118	Medical Center, additional telephone outlets		6.9			
500.75.121	Medical Center, provide domestic cold water, hot water and hot water return valves		11.3			
500.75.122	Bldg. 40, Ward 45, personnel office area		60.5			
500.75.123	Bldg. 40, Ward 44, classroom and office area		60.5			
500.69.302	Plans and studies for future use of old buildings		87.5			
500.68.115	Additional arking		70.6			
500.67.141	Main parking area, lighting		118.5			
500.69.303	Construct security fencing and gates		33.9			
500.75.202	Study for location of permanent helistop					2.8
500.75.203	Blood specimen carrier system					196.9
500.75.204	Medical Center, Elevator No. 3, complete installation					186.6
500.75.205	Medical Center, Elevator No. 4, complete installation					186.6

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.75.206	Medical Center, Elevator No. 14, complete installation			167.9		
500.75.207	Medical Center, Area C, ground floor storage area			43.2		
500.75.301	Bldg.10, Ward 13, staff offices				33.0	
500.75.302	Bldg. 50, Ward 41, Solarium, lighting				1.7	
500.75.303	Bldg. 20, storage shelving in basement for volunteers				33.0	
500.75.304	Bldg. 30, library shelving				33.0	
500.75.305	Bldg. 20, Ward 23, Dept. of Social Services, staff offices				55.0	
500.75.306	Microbiology laboratory, relocate				1,082.4	
500.67.128	Acquisition of land					600.0
500.67.167	Study for new auditorium and library					11.0
500.75.601	Medical Center, Room 2155, coffee shop					76.7
500.75.602	Medical Center, Rooms 2150 and 4520 A, B and C, assembly room and conference room					72.8
500.75.603	Medical Center, Room 7575, delivery room					21.1
	Emergency Aid Stations, District Health Centers and Other Facilities					
500.67.113	Central Emergency and Harbor Emergency, install standby power facilities for emergency medical services and elevator	50.5				
500.67.111	101 Grove, modernize two elevators	148.1	157.0			

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.69.101	101 Grove St., prepare study for preliminary plans for auditorium egress	9.0				
500.75.115	101 Grove St., Microbiology Laboratory, Rooms 414 and 422, improvements to accommodate viral diagnostic services	25.0				
500.76.108	101 Grove St., Microbiology Laboratory, protection of equipment from seismic disturbances	20.0				
500.76.110	Park Emergency, security measures	4.6				
500.67.151	Bayview-Hunters Point, ambulatory health care facility, new construction		330.0			
500.73.105	Central Emergency, alterations to provide emergency dental clinic		55.0			
500.73.113	Central Emergency, office alterations	11.9				
500.73.111	Bayview-Hunters Point, district mental health facility, new construction (site undetermined)	132.0	2,179.1			
500.70.114	101 Grove St., conduct study for modernization and addition and relocation of Central Emergency		25.2			
500.68.111	101 Grove St., Ivy St. exit doors		28.9			
500.71.201	District Health Center No. 1, remodel clinic area		33.0			
500.70.109	Various health facilities, conduct studies and prepare cost estimates for miscellaneous remodeling projects		14.1			
500.71.110	101 Grove St., replace Ivy St. garage door		7.9			
500.67.112	Central Emergency, radio dispatch and communications center					63.8
500.67.137	Park Emergency, relocate and construct new facility (site undetermined)					1,006.5

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
500.68.101	Various district health centers, burglar alarm system				25.9	
500.69.108	District mental health centers and subcenters, new construction (sites undetermined)				77.0	20,713.0n
	FINE ARTS MUSEUMS					
621.74.101	M. H. de Young, various galleries, reconstruct ventilation system	109.2				
621.74.103	Legion of Honor, various galleries, relighting	30.0				
621.74.106	Legion of Honor, various galleries, ultraviolet radiation protection	8.3				
621.76.101	M. H. de Young, handicapped ramp	78.0				
621.74.304	Legion of Honor, remodel receptionist area	39.0				
621.73.112	M. H. de Young, construct information center	21.0				
621.73.107	M. H. de Young, Hearst Court, four fan filter racks			10.8		
621.73.110	M. H. de Young, Hearst Court, bronze rails			8.5		
621.74.104	M. H. de Young, protection of art objects from seismic disturbances			7.9		
621.71.105	M. H. de Young, connect roof and basin drains to sewer			7.3		
621.74.202	Legion of Honor, rehabilitate heating and ventilating equipment			94.6		
621.74.201	M. H. de Young, strengthen tower against seismic shock			253.0		
621. 72.202	M. H. de Young, renovate tower for offices					132.0
621.74.303	Legion of Honor, improve ventilation system in coffee shop and terrace corridor					13.4

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
621.73.104	M. H. de Young, Hearst Court, dimmer light control system			5.1		
621.74.305	M. H. de Young, Hearst Court, wall display cases			5.3		
621.74.306	Legion of Honor, Little Theater, rehabilitate			66.0		
621.74.401	Legion of Honor, widen perimeter road and provide new parking area			88.1		
621.74.402	Legion of Honor, prepare study and plans for Court of Honor underground exhibit and storage area			33.3		
621.75.401	M. H. de Young, paint exterior of building			11.0		
621.69.101	M. H. de Young, East Wing, reconstruction			10,500.0n		
	ASIAN ART MUSEUM					
622.71.103	Screen display platforms, footlighting	17.8				
622.73.102	Passenger elevator, rehabilitate	87.5				
622.74.101	Freight elevator, new construction	292.0				
622.74.102	Establish development program, study and plans				13.2	
622.73.103	Jade Room, catwalk				15.5	
622.73.104	Mirror Room Gallery, catwalk				4.3	
622.71.106	Emergency air conditioned storeroom, construction				95.8	
622.71.102	Kitchen area, alterations for display case				15.3	
622.74.601	Roof area, security lighting				4.0	
622.74.602	Main power supply, install ampmeter				1.3	

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
622.74.603	Main power supply, install voltmeter		1.3			
	LIBRARY					
631.67.201	Main library, new construction (site undetermined)	59,500.0n				
631.75.101	Main library, provide storage facility in basement	101.0				
631.73.104	Chinatown Branch, renovation	194.0				
631.75.105	Main lib ary, 2nd and 3rd floors, replace flooring in offices and corridors	8.6				
631.75.107	Main library, children's room, replace light fixtures	3.5				
631.75.110	Various branch libraries, remodel book check-out facilities	32.8				
631.75.102	Main library, relocate Branch Department		26.0			
631.75.103	Main library, relocate Periodicals Technical Operations and EDP		56.4			
631.75.104	Main library, relocate Stockroom and Discard Room		20.2			
631.68.101	Main library, Periodical Dept., install air conditioning system		44.0			
631.68.102	Main library, replace existing glass floors in stack areas		77.0			
631.75.106	Main library, replace passenger elevator		111.7			
	Marina Small Craft Harbor					
684.71.101	Rehabilitation and improvements	205.0	122.0			
648.73.401	Harbor shoreline walls, reconstruct or replace				100.0	100.0

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	General Division - Reconstruction and Replacement					
651.70.104	Various locations, reconstruct irrigation systems (recurring budget item)	90.0	90.0	90.0	90.0	90.0
651.67.102	Various locations, resurface courts and play areas (recurring budget item)	50.0	50.0	50.0	50.0	50.0
651.67.103	Various locations, resurface walks, paths and parking areas	50.0	50.0	50.0	50.0	50.0
651.69.103	Various locations, rehabilitate lighting systems (recurring budget item)	30.0	30.0	30.0	30.0	30.0
651.70.113	Various locations, reconstruct fencing (recurring budget item)	15.0	15.0	15.0	15.0	15.0
651.75.102	Various locations, handicapped access to facilities	35.0	35.0	35.0		
651.67.120	Golden Gate Park, rehabilitate windmills	80.0	187.0			
651.71.102	Various locations, rehabilitate buildings	90.0	90.0	90.0	90.0	90.0
651.70.105	Various locations, rehabilitate children's areas and playgrounds	50.0	50.0	50.0	50.0	50.0
651.74.104	Golden Gate Park, Sharon Bldg., repair fire damage	140.0				
651.70.109	Golden Gate Park, misc. minor reconstruction and replacement	33.3				
651.70.204	Sharp Park, replace San Andreas pump	38.9				
651.72.101	Various golf courses, resurface roads, paths and parking areas (Concession Fund)	30.0o	30.0o			
651.70.119	Duboce Park, rehabilitation (Community Development Fund)		200.0o			
651.74.103	Golden Gate Park, Conservatory, rehabilitation		143.0			

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
651.75.101	Bay View-Hunters Point Model Cities area, rehabilitate various buildings and grounds			275.0		
651.70.118	Bernal Heights Playground, rehabilitation			51.8		
651.67.115	Garfield Square, rehabilitation			163.1		
651.70.202	Golden Gate Park, Metson Lake pipeline, replace pipeline from water reclamation plant to lake			39.6		
651.75.301	Sharp Park Golf Course, relocate water mains				111.3	
651.67.118	Jefferson Square, rehabilitation				167.4	
651.67.113	Huntington Square, replace irrigation system; rehabilitate square	118.0				
651.67.116	Ina Coolbrith Park, rehabilitation	69.6				
651.70.301	Aquatic Park, replace skylights to locker rooms					18.2
651.67.114	Aquatic Park, Municipal Pier, lighting					152.8
651.68.501	Golden Gate Park, reconstruct North Mill reservoir roof					162.0
651.68.601	Golden Gate Park, reconstruct arboretum reservoir					206.8
651.67.202	Lafayette Square, rehabilitation					122.5
651.68.104	Phelan Beach, reconstruct retaining wall					70.0
651.70.103	Aquatic Park Bocci Ball Courts, reconstruct shelter					21.0
651.68.602	Golden Gate Park, reconstruct Elk Glen Pumphouse					16.9
651.69.106	Golden Gate Park, Chain of Lakes, rehabilitation					382.7

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	Zoological Gardens					
652.71.101	Various locations, rehabilitation	50.0r	50.0r			
652.74.201	Zoological Gardens Improvement Program		10,000.0n			
	Candlestick Park					
653.73.101	Parking lot repaving (recurring budget item)	50.0r	50.0r	50.0r	50.0r	50.0r
653.74.101	Miscellaneous capital improvements	50.0r				
	General Division - Capital Improvements					
656.76.101	Crocker-Amazon Playground, construct recreation building (Community Development Fund)	180.0o				
656.69.105	Various locations, athletic field floodlighting	120.0	120.0	120.0	120.0	120.0
656.73.106	Golden Gate Park, master plan	60.0				
656.69.101	Various locations, fencing	15.0	15.0			
656.68.301	Stanford Heights Reservoir, playcourts	118.0	150.0			
656.67.113	Harding Park, irrigation (Concession Fund)	100.0o	100.0o	100.0o	100.0o	100.0o
656.69.106	Lincoln Park Golf Course, irrigation system extension		131.1			
656.74.201	Golden Gate Park, Strybing Arboretum, John Muir Nature Trail development		44.0			
656.67.505	Golden Gate Park, Stow Lake - Strawberry Hill - Huntington Falls, rehabilitate		632.5			
656.68.104	Golden Gate Park, Conservatory, construct growing house			445.5		

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
656.68.107	Golden Gate Park, maintenance yard equipment center, improvements			132.0		
656.74.202	Josephine Randall Museum, develop environmental center			399.7		
656.72.102	Harding Park - Fleming Golf Course, convenience station (Concession Fund)				70.7o	
656.67.109	Fleishhacker Playfield, playground improvements				42.4	
656.67.120	McKinley Square, development				113.2	
656.68.110	Palace of Fine Arts, landscaping and lighting				706.2	
656.69.109	Golden Gate Park, 45th Ave. and Lincoln Way, convenience station				55.3	
656.74.401	Aquatic Park, rehabilitation and improvement					1,780.0
656.71.401	John McLaren Park, domestic water supply system					244.5
656.67.506	Bernal Hill, develop park					185.9
656.69.113	Golden Gate Park, tennis courts, lighting					132.0
	Camp Mather					
659.70.101	Various buildings, rehabilitation (Concession Fund)	40.0o	40.0o	40.0o	40.0o	40.0o
659.70.102	Swimming Pool, rehabilitation (Concession Fund)	20.0o				
659.67.105	Six Cabins, replacement (Concession Fund)	53.2o	58.1o			
659.67.102	Roads and parking areas, paving (Concession Fund)		28.2o			
659.67.101	Recreation pavilion, construction		63.7o			

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	WAR MEMORIAL AND MUSEUM OF MODERN ART					
691.73.101	Opera House, rehabilitation or replace stage rigging and cycloramas	182.2				
691.73.102	Opera House, rehabilitate stage lighting	153.2				
691.73.104	Veterans' Building, first floor, enlarge women's restroom	30.0				
691.74.101	Performing Arts Center, construction	1,000.0				
691.73.103	Opera House - Veterans' Building, general rehabilitation		150.0	150.0	150.0	150.0
691.67.101	Opera House - Veterans' Building, rehabilitation					21,400.0n
	MUNICIPAL RAILWAY					
	Reconstruction and Replacement					
736.69.102	Replacement of transit operating equipment, debt service (MTC Grant Funds)	2,700.0o	4,800.0o	4,800.0o	4,800.0o	4,800.0o
736.68.103	Cable Car Machinery, replace sheaves (recurring budget item)	55.0	55.0	55.0	55.0	55.0
736.76.101	Cable Cars, replace axle bearings (recurring budget item)	12.0	12.0	12.0	12.0	12.0
736.73.105	Cable Cars, overhaul underground cable facilities (recurring budget item)	27.5	27.5	27.5	27.5	27.5
736.73.103	Washington-Mason Cable Carbarn, fill in subsurface sidewalk area	4.5				
736.75.202	Washington-Mason Cable Carbarn, reconstruct restroom	2.8				
736.75.203	Presidio Building, Gilley Room, replace toilet facility	3.0				
736.75.201	Washington-Mason Cable Carbarn, Gilley Room, reconstruct	3.5				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
736.75.102	Various locations, renovation of interior operations areas (recurring budget item)	12.0	12.0	12.0	12.0	12.0
736.76.102	Washington-Mason Cable Carbarn, convert area to paint shop	10.0				
736.74.107	Washington-Mason Cable Carbarn, sprinkler system, rehabilitate	15.0				
736.74.106	Geneva Carbarn, fire fighting equipment, rehabilitate	4.5				
736.76.103	Potrero Shop, provide storage area	10.0				
736.76.104	Washington-Mason Cable Carbarn, enlarge entry to cable storage room	8.0				
736.76.105	Cable Car tracks, California at Hyde, reposition gypsy and switches	6.5	6.5	6.5		
736.76.106	Phelan-Ocean Avenue Terminal, chain link fence, reconstruct	2.3				
736.76.107	Railway property, Fillmore and Turk, demolish structures; construct fence	7.0				
736.74.104	Washington-Mason Cable Carbarn, replace water piping system	20.9				
736.76.108	Presidio Building, replace water lines	4.6				
736.73.111	Elkton Shop, convert rail bender to hydraulic system	8.4				
736.69.109	Various buildings, replace floor covering	5.5				
736.75.205	Presidio Building, repair airconditioning system	13.0				
736.74.105	Various locations, exterior painting or sandblasting	22.0	16.5	16.5	16.5	16.5
736.75.204	Presidio Building, replace lost and found office	8.8				
736.69.109	Washington-Mason Cable Carbarn, rehabilitate money room	2.1				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	Capital Improvements					
737.75.103	Washington-Mason Cable Carbarn, construct maintenance pit	11.0				
737.76.101	Washington-Mason Cable Carbarn, replace shop turntable	60.0				
737.76.102	Woods Division, construct exterior maintenance shelter	2.3				
737.72.302	Cable Cars, construct cable trench cleaning machinery	27.4				
737.71.105	Washington-Mason Cable Carbarn, install fire escape from offices	8.5				
737.68.102	Washington-Mason Cable Carbarn, install sump pit for oil and grease removal	12.4				
737.76.103	Twenty-fourth St. Shop, construct dynomometer sound barrier	2.1				
737.71.106	Washington-Mason Cable Carbarn, install cable tension measuring instrumentation	16.3				
737.68.110	Various locations, landscaping around buildings and structures	10.7				
737.74.110	Washington-Mason Cable Carbarn, construct second story addition	83.0				
737.75.301	Cable Cars, standardize carrier pulleys	40.0				
737.76.201	Cable Cars, rehabilitate tracks and standardize brakes	25.0	25.0	25.0	25.0	
737.74.108	Presidio Building, remodel portion to new offices	33.0				

CAPITAL IMPROVEMENT PROGRAM: 1977-78 THROUGH 1981-82

Gas Tax and Road Fund

Supported Program

Explanation of Symbols

e - 1.04 cent fund

g - gas tax

s - road fund

o - other funding sources

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	DEPARTMENT OF PUBLIC WORKS					
	Reconstruction and Replacement					
670.76.101	Various intersections, traffic safety modifications	80.0g				
670.76.102	Various locations, resurfacing of Select System streets (recurring budget item)	800.0e	800.0e	800.0e	800.0e	800.0e
670.76.103	Various locations, surface sealing of roadway pavements (recurring budget item)	150.0g	250.0g	250.0g	250.0g	250.0g
670.76.104	Powell Street reconstruction, Sutter to Ellis	169.0g				
670.75.107	Taylor St., Columbus to Francisco, reconstruction	55.6e				
670.75.105	Mason St., Sacramento to Green, reconstruction	239.5g				
670.76.105	Various locations, traffic signals, replacement (recurring budget item)	150.0g	150.0g	150.0g	150.0g	150.0g
670.75.124	Greenwich St., Jones to Leavenworth, reconstruction	45.0g				
670.75.129	Sacramento St., Powell to Mason, reconstruction	84.4e				
670.76.106	Jones St., Pine to California, reconstruction	70.4g				
670.75.128	Grace and Washburn Sts., Mission to Howard, reconstruction	77.6g				
670.75.213	Broderick St., Jackson to Pacific, reconstruction	57.0g				
670.75.208	California St., Hyde to Jones, reconstruction	172.0e				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
670.75.134	Filbert St., Larkin to Van Ness, reconstruction	88.4g				
670.75.138	Park Presidio Blvd, reconstruct landscaping irrigation system	104.1e	117.2e	132.0e		
670.75.139	Stockton St. Tunnel, surface renovation	200.0e				
670.75.101	Various bridge structures, rehabilitate for earthquake safety	980.0e	1,085.0e	1,190.0e		
670.75.111	22nd St., Castro to Collingwood, reconstruction	55.6g				
670.75.114	York St., Holladay to Montcalm, reconstruction	53.8g				
670.75.115	Stoneman St., Folsom to Manchester, reconstruction	44.0g				
670.75.117	Divisadero St., Broadway to Vallejo, reconstruction		93.0e			
670.75.122	Green St., Polk to Larkin, reconstruction	101.0g				
670.75.125	Goettingen St., Ward to Harkness, reconstruction	97.0g				
670.75.137	Ward St., Goettingen to Girard, reconstruction	122.4g				
670.75.203	Costa St., Brewster to Holladay, reconstruction	44.5g				
670.76.201	Elizabeth St., Hoffman to Grandview, reconstruction	68.6g				
670.75.135	Burrows St., Hamilton to Holyoke, reconstruction	61.4g				
670.75.212	Manchester St., Stoneman to Ripley, reconstruction	66.0g				
670.75.214	Pacific Ave., Lyon to Presidio, reconstruction	40.0g				
670.76.202	Miguel St., Chenery to Laidley, reconstruction	30.0g				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
670.75.201	Great Highway, Lincoln to Sloat, landscaping irrigation system, reconstruction		145.9e	164.2e	184.7e	207.8e
670.75.303	Natoma St., Fremont to 1st, reconstruction		44.0g			
670.75.304	Clementina St., 4th to 5th, reconstruction		130.0g			
670.75.305	Perry St., 3rd to 550 ft. easterly, reconstruction		76.3g			
	Capital Improvements					
671.75.101	Various street and highway projects, Select System, preliminary engineering and administration (recurring budget item)	20.0e	20.0e	20.0e	20.0e	20.0e
671.75.102	Various county road projects, preliminary engineering and administration (recurring budget item)	20.0s	20.0s	20.0s	20.0s	20.0s
671.75.106	Various intersections, traffic control devices, modifications and improvements (recurring budget item)	30.0g	30.0g	30.0g	30.0g	30.0g
671.75.107	Various intersections with safety problems, provide traffic signals and channelization	93.7g	50.0g			
671.75.108	Transit preferential streets program, provide signs, lane markings, overhead land signals or raised rights-of-way (recurring budget item)	100.0g	100.0g	100.0g	100.0g	100.0g
671.75.109	Various locations, sidewalk ramps for the handicapped	100.0g	100.0g			
671.75.110	Various locations, traffic signals (recurring budget item)	90.0g	60.0g	60.0g	60.0g	60.0g
671.75.207	Various locations, street lighting in underground districts (recurring budget item)	714.0g	300.0g	300.0g	300.0g	300.0g

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
671.76.101	St. Francis Circle, surface channelization (federal grant funds)	200.0 (40.0e) (160.0o)				
671.76.102	Various traffic signal systems, energy conservation program, provide for flashing operation	13.7g				
671.76.103	Monterey Blvd. at Circular, rechannelization (state grant funds)	48.0 (24.0e) (24.0o)				
671.76.104	Various major streets, provide raised reflective pavement markers	400.0g	400.0g	400.0g	400.0g	
671.75.129	Duboce Ave., Church to Belcher, sidewalk narrowing	67.0e				
671.75.124	Various intersections, modify pedestrian signals	168.4g	168.4g	50.0g	50.0g	50.0g
671.75.123	Neighborhood Protected Residential Area Program, traffic control modifications (recurring budget item)	100.0g	100.0g	100.0g	100.0g	100.0g
671.75.130	Various locations, construct underground wired street lighting facilities in street areas outside underground districts (recurring budget item)	30.0g	30.0g	30.0g	30.0g	30.0g
671.75.140	Milton St., San Jose to Bosworth, sidewalk narrowing	57.9g				
671.76.106	Various locations, Federal Aid Urban (FAU) system streets, traffic sign conversion	30.0g				
671.75.131	19th Ave., Lincoln to Rivera, sidewalk trees	66.0e				
671.75.132	Upper Market St., landscape median islands	450.0e				
671.75.134	Evans Ave., 3rd to Phelps, sidewalk narrowing	45.3e				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
671.75.135	Precita Ave., Mission to Coso, sidewalk narrowing	70.5g				
671.76.107	Marina District traffic diversion, traffic signals and channelization	100.0e				
671.75.139	Grand View Ave., 24th to Clipper, sidewalk narrowing	104.8g				
671.75.141	19th Ave., Rossmoor to Junipero Serra, improvements study	15.0e				
671.75.143	Willow St., Van Ness to Polk, sidewalk narrowing	62.4g				
671.75.144	Cross Over Dr., Golden Gate Park, undergrounding study	20.0e				
671.75.202	Alice St., Folsom to Shipley, widening	49.0g				
671.75.203	Clara St., 4th to Ritch, sidewalk narrowing	76.9g				
671.75.204	Shipley St., 4th to Ritch, sidewalk narrowing	75.6g				
671.75.120	Various downtown locations, traffic signals		30.0g	30.0g		
671.75.205	Various downtown alleys, sidewalk narrowing to provide on-street loading and parking		165.0g	140.0g		
671.75.301	Maintenance Yard, 2323 Army St., retaining wall		134.4g			
671.75.302	Mission St. and South Van Ness Ave., construct underpass for left turn traffic from Mission			15.0e	135.0e	1,950.0e
671.75.401	The Embarcadero, Broadway to Washington, improvement study				10.0e	
671.75.402	Key Ave., extend roadway to Bay View Park Road				10.0g	322.0g

CAPITAL IMPROVEMENT PROGRAM: 1977-78 THROUGH 1981-82

Revenue Supported Departments

Explanation of Symbols

o - other funding sources

n - proposed bonds

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
	AIRPORTS COMMISSION					
	Reconstruction and Replacement					
726.70.102	Landing field, aprons and road pavement, reconstruction (recurring budget item)	400.0	400.0	400.0	400.0	400.0
726.71.101	Utilities relocation and replacement (recurring budget item)	50.0	50.0	50.0	50.0	50.0
726.76.101	Terminal facilities, reconstruction (recurring budget item)	50.0	50.0	50.0	50.0	50.0
	Capital Improvements					
727.70.102	Utility system, improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.70.103	Landing field facilities, improvements (recurring budgot item)	50.0	50.0	50.0	50.0	50.0
727.71.101	Passenger terminal and administrative facilities improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.69.104	Roads and parking facilities, improvements (recurring budget item)	50.0	50.0	50.0	50.0	50.0
727.74.102	Cargo facilities, improvements (recurring budget item)	20.0	20.0	20.0	20.0	20.0
727.69.101	Landing field, improvements (recurring budget item)	80.0	80.0	80.0	80.0	80.0
727.69.102	Drainage facilities, improvements (recurring budget item)	30.0	30.0	30.0	30.0	30.0
	WATER DEPARTMENT					
	Reconstruction and Replacement					
746.68.101	Various locations, renew water services (recurring budget item)	2,050.0	2,000.0	1,500.0	1,500.0	1,500.0

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
746.68.102	Various locations, relocate and realign water mains (recurring budget item)	325.0	325.0	250.0	250.0	250.0
746.68.103	Various locations, relocate and realign water services (recurring budget item)	260.0	250.0	225.0	225.0	225.0
746.68.104	Various locations, replace water mains (recurring budget item)	1,000.0	1,000.0	550.0	550.0	550.0
746.68.105	Various locations, reconstruct and restore fences (recurring budget item)	70.0	75.0	30.0	30.0	30.0
746.68.106	Various locations, grade and resurface roads (recurring budget item)	20.0	20.0	20.0	20.0	20.0
746.68.108	Various locations, water lines, cement mortar lining (recurring budget item)	570.0	560.0	500.0	500.0	500.0
746.68.109	Various locations, reconstruct drain and air valves (recurring budget item)	14.0	14.0	14.0	14.0	14.0
746.68.110	Various locations, misc. repair and improvements to buildings (recurring budget item)	35.0	35.0	35.0	35.0	35.0
746.76.101	Calaveras Pipeline, replace gate valve	55.0				
746.76.103	Peninsula Division Bunkhouse, replace roofing	7.0				
746.76.104	Old Crystal Springs Pipeline and Trestle, dismantle and demolish	37.0				
746.76.201	College Hill Feeder Main, replace	450.0				
746.75.201	Niles-Irvington Pipeline, rehabilitate exterior coating	145.0				
746.76.202	Lake Merced Pump Station, replace gate valves	185.0				
746.75.101	University Mound Reservoir, South Basin, rehabilitate	900.0				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
746.76.203	Sunset Reservoir, replace expansion joint sealant	110.0				
746.76.204	Lake Merced Pump Station, replace pump and modify discharge piping	300.0				
746.68.201	Various locations, misc. reconstruction and replacement projects	120.0	120.0	120.0	120.0	120.0
746.76.301	Sunset Reservoir, South Basin, rehabilitate lining		1,200.0			
	Capital Improvements					
747.68.101	Various locations, water main extensions (recurring budget item)	625.0	600.0	450.0	450.0	450.0
747.68.102	Various locations, new service pipes and meters (recurring budget item)	460.0	460.0	415.0	415.0	415.0
747.68.103	Various locations, install gate valves (recurring budget item)	50.0	50.0	50.0	50.0	50.0
747.68.104	Various locations, cathodic protection for pipeline and equipment (recurring budget item)	20.0	20.0	20.0	20.0	20.0
747.68.105	Various locations, survey property lines and set monuments (recurring budget item)	25.0	25.0	25.0	25.0	25.0
747.68.106	Various locations, construct feeder mains (recurring budget item)	750.0	750.0	600.0	600.0	600.0
747.68.107	Various locations, watershed lands, erosion control (recurring budget item)	12.0	12.0	12.0	12.0	12.0
747.68.108	Various locations, install drain and air valves (recurring budget item)	25.0	25.0	25.0	25.0	25.0
747.68.109	Various locations, construct fences (recurring budget item)	25.0	25.0	25.0	25.0	25.0
747.68.110	Various locations, motorize large valves (recurring budget item)	35.0	35.0	35.0	35.0	35.0
747.75[illegible].105	Pulgas Temple, construct restroom	50.0				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
747.75.107	Corporation Yard, install surveillance system	12.0				
747.75.106	Sunset Reservoir, complete sprinkler system for landscaping	30.0				
747.76.201	Sunol Valley Filter Plant, install low flow control valve	65.0				
747.74.202	Alameda Creek Siphon, construct connection between Siphon No. 1 and San Antonio Pump Station suction line	170.0				
747.75.105	Alameda Division, Turner Dam and San Antonio Ranch roads, pave gravel roads	115.0				
747.74.203	Various City reservoirs, modifications to piping	300.0				
747.72.201	San Antonio Reservoir, construct chlorination plant	280.0				
747.68.401	Sutro System, construct transmission and feeder mains		1,000.0	1,000.0		
747.68.204	Alameda East Portal, construct chlorination-dechlorination plant		370.0			
747.76.301	Peninsula Division, pave gravel roads		200.0			
747.72.501	San Antonio Pumping Station to Sunol Treatment Plant, construct new pipeline			3,000.0		
747.68.202	Lincoln Park, construct tank or reservoir					1,200.0
	HETCH HETCHY WATER AND POWER					
	Reconstruction and Replacement					
756.69.106	Municipal Railway Transit System, Power Improvement Program, replace DC distribution system (federal Urban Mass Transit Act)	8,000.0 (1,600.0) (6,400.0o)				
756.74.102	Trolley poles, maintenance and replacement (recurring budget item)	450.0	400.0	400.0	400.0	400.0

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
756.75.101	Trolley coach overhead facilities, reconstruct (recurring budget item)	225.0	225.0	225.0	225.0	225.0
756.75.102	Overhead Lines Section, 1401 Bryant St., reconstruct office	6.2				
756.76.102	Holm Powerhouse, rewind generator stator windings	600.0				
756.75.204	Huges-Leithold and Foothill water lines, replace and repair (recurring budget item)	25.0	25.0	25.0	25.0	25.0
756.76.104	Cherry Valve House, Lake Eleanor Dam, replace fish release valves	6.0				
756.76.105	Cherry Road, repair roadway	72.0				
756.71.107	Various locations, rehabilitate exterior of buildings	45.0				
756.76.107	O'Shaughnessy Dam, repair outside stairway and handrail	9.0				
756.76.108	Moccasin Administration Offices, replace floor tile	4.5				
756.71.402	Moccasin Village, resurface roads	42.5	32.5			
756.71.403	Moccasin Village, various cottages, replace plumbing, bathroom fixtures and tile	24.0	24.0			
756.76.201	Tesla Portal cottage, maintenance and repair	18.0				
756.76.202	Cherry Valve House, paint valves and associated piping	30.0				
756.76.203	Telsa Portal, water storage tanks, sandblast and paint	20.0				
756.76.204	Priest Reservoir, install stilling well for water gauge	6.5				
756.71.301	Abandoned Moccasin Switchyard, relocate power and communications facilities	78.0				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
756.71.408	Moccasin and Intake housing units, various cottages, rehabilitate heating systems	39.0				
756.71.404	O'Shaughnessy Dam, replace telephone system	23.0				
756.75.201	Canyon Portal, verticle rock face, rock bolt and seal with gunnite	93.0				
756.74.203	Camp Mather to O'Shaughnessy Dam, resurface access road		80.0			
756.75.301	Eleanor Dam, repair and seal concrete face		300.0			
756.70.102	Moccasin-Newark transmission line, paint tower		50.0	50.0	50.0	50.0
756.74.204	Intake switchyard, Warnerville Substation, and Holm and Kirkwood Powerhouses, paint exterior switchyard equipment		47.0			
756.74.201	Moccasin Village, replace water mains		173.0			
756.76.301	O'Shaughnessy Dam, replace water mains		36.0			
756.76.302	Early Intake, replace water mains		60.0			
756.76.303	Coast Range Tunnel, replace fan and fan housing		22.0			
756.76.304	Kirkwood Powerhouse, repaint structure and equipment		40.0			
756.70.113	Moccasin Village, replace street lighting		14.5			
756.74.202	Early Intake, reconstruct portions of Cherry Diversion structure		350.0			

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
757.76.105	Kirkwood-Moccasin generating systems, enlarge power capacity	80,000.0n				
757.76.107	Moccasin Powerhouse, control area, acoustical floor covering	4.0				
757.76.201	Warnerville Complex, construct cottage, maintenance building and other operating facilities	250.0				
757.72.601	San Joaquin Pipeline No. 4, construction			45,100.0n		
757.69.105	Coulterville Pump Storage Power Plant, construction				68,000.0n	
757.67.502	Wards Ferry Power Complex, construction				60,000.0n	
757.69.104	Clavey Power Complex, construction				115,000.0n	
	PORT COMMISSION					
775.72.101	Various operating piers, improvements and repairs (recurring budget item)	500.0	400.0	500.0	500.0	500.0
775.70.115	Various piers, reconstruct piers damaged by floating vessels (recurring budget item)	100.0	100.0	100.0	100.0	100.0
775.70.114	Various piers, alterations as required by tenants (recurring budget item)	150.0	150.0	150.0	150.0	150.0
775.70.110	Various piers, enlarge doors of warehouse sheds (recurring budget item)	65.0	65.0	65.0	65.0	65.0
775.70.307	Various piers, construct sanitary sewers	100.0				

P.I.N.	Project Description	1977-78	1978-79	1979-80	1980-81	1981-82
775.72.301	Various piers, construct ship sewer connections	50.0	50.0	50.0	50.0	50.0
775.76.201	Ferry Building Improvements	1,000.0	1,000.0	1,000.0	1,000.0	
775.70.403	The Embarcadero, various portions, reconstruct	345.0	345.0	345.0	345.0	345.0